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# ABSTRACT OF STATISTICS FOR TAMIL NADU

Volume XXII No. 3  
QUARTER ENDED SEPTEMBER 1977

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## PREFACE.

The abstract of Statistics for Tamil Nadu presents in the form of a compendium, current statistics on selected items of importance. This publication is intended to serve as an authoritative book of reference to Government Departments, Research Scholars, Statisticians, Economists, Planners, etc.

This issue covers in the main, statistics for the quarter ended September, 1977 with comparative data to the extent available.

Chapters on "Economic Situation in Tamil Nadu" and "Select Economic Indicators" highlight the tempo of progress of Tamil Nadu.

A special feature of this issue is the inclusion of a report on "Pilot Economic Census conducted in 5 Taluks of Chengalpattu District".

The co-operation extended by other Heads of Departments in furnishing the statistics required, is gratefully acknowledged.

MADRAS,

17th February, 1978.

M. A. LATIFF,

*Director of Statistics.*



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PART-A.

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## ECONOMIC SITUATION IN TAMIL NADU.

*Rainfall.*—The South-West monsoon which set in one day advance was erratic at the beginning. However, it had augered well in the subsequent months. It was generally well distributed, though the precipitation in the interior Tamil Nadu had been below the mark. The South-West Monsoon was normal in June and September, deficient in July and excessive in August.

The performance of the South-West Monsoon was better than normal for the third year in succession. The South-West monsoon was excessive (+20 per cent and above normal) in the districts of North Arcot, Coimbatore and the Nilgiris. It was deficient (—20 per cent to—59 per cent of the normal) in the districts of Tirunelveli and Kaniyakumari. The precipitation was normal in the other districts of the State.

*Water Supply.*—During the quarter ended September 1977, most of the tanks in the districts of North Arcot, South Arcot, Salem, Coimbatore, Pudukkottai, Ramanathapuram and Tirunelveli were dry. The water supply in the other districts was also reported to be inadequate.

The water level in the reservoirs of Redhills, Sholavaram, Poondi, Vagai, Papasam, Manimuthur, Pachiparai and Perunchanai had steadily decreased during the quarter under review. The water level in the reservoirs of Periyar, Amaravathi and Stanley had increased in July but declined thereafter. The water-level in Sathanur dam, though increased during the first and third months, showed a decreasing trend in August. The water level in the Bhavani Reservoir declined in September that of Wellington had steadily increased during the quarter.

*Crop Prospects.*—Rains received during the quarter ended 30th September 1977, were helpful for standing paddy, Cotton, Groundnut, Cholam, Cumbu, Ragi etc. The rains had facilitated the preparatory village conditions of wet and dry crops in various parts of the State. Sowing of Paddy, Groundnut, Gingerly, Cumbu, Varagu and Cholam were done in certain parts of South Arcot and Coimbatore districts. Transplantation of Samba paddy was in progress in certain parts of North Arcot District under well irrigation. In Pudukkottai district transplantation of Paddy was in progress wherever water was available in tanks. The extent of area under Kuruvali paddy was 3.20 lakh acres in Tanjavur district. Transplantation of Samba paddy had commenced in certain parts of Thanjavur district. Transplantation of paddy was completed in certain parts of Madurai district. Sowing of Paddy, Varagu, Ragi, Gingelly were over in certain parts of Ramanathapuram district.

The condition of the standing crops was fair in all the districts of the State except, in certain parts of South Arcot, Salem, Dharmapuri, Coimbatore, Ramanathapuram, Tirunelveli and Kaniyakumari districts due to inadequate rains and irrigation facilities. More rains were needed to save the standing crops in certain parts of the State.

*Agriculture.*—The total geographical area of Tamil Nadu according to village papers was 13.0 million hectares in 1975-76, out of which the net area sown accounted for 6.0 million hectares, the area cultivable but not cultivated was 2.7 million hectares and the uncultivable land, was 4.3 million hectares. Out of 6.0 million hectares of the net area sown, 2.6 million hectares or about 43 per cent was irrigated. The area sown more than once was 1.2 million hectares, of which 0.8 million hectares or about 65 per cent was irrigated.

The gross cropped area was 7.2 million hectares, out of which 3.4 million hectares or 47 per cent was irrigated.

*Crop yields.*—The estimated average yield of principal crops in 1976-77 is as shown below :—

Crop.	Yield per hectare in kilogram.					1976-77	Variation.		
	1975-76		1976-77		(3)				
	(1)	(2)	(4)						
PER CENT.									
Rice .. .. .. .. ..	2,076	1,812	(—) 15						
Groundnut .. .. .. .. ..	1,128	1,092	(—) 3						
Gingelly .. .. .. .. ..	319	394	(+) 9						
Sugarcane* .. .. .. .. ..	93	96	(+) 3						
Cholam— Irrigated .. .. .. .. ..	1,849	1,997	(+) 8						
Unirrigated .. .. .. .. ..	699	870	(+) 24						
Combined .. .. .. .. ..	853	1,335	(+) 37						
Cumbu —Irrigated .. .. .. .. ..	1,624	1,685	(+) 4						
Unirrigated .. .. .. .. ..	604	865	(+) 43						
Combined .. .. .. .. ..	700	1,199	(+) 42						
Ragi—Irrigated .. .. .. .. ..	1,815	1,994	(+) 10						
Unirrigated .. .. .. .. ..	1,227	695	(—) 43						
Combined .. .. .. .. ..	1,512	1,435	(—) 5						
Cotton (lint) .. .. .. .. ..	230	270	(+) 15						

\* In terms of tonnes.

The decrease in the yield of rice is due to drought in the beginning of 1976-77 and floods in the second half of the year.

There was remarkable increase in the yield of unirrigated varieties of crops in 1976-77.

*Index number of Agricultural Economy.*—The Index numbers (Final) of area under crops, yield production, net area sown, cropping intensity, and productivity per hectare for the year 1975-76 have increased by 7·8, 22·7, 30·7, 7·2, 0·5, 22·0 points respectively as compared with the final indices for the year 1974-75. The index of cropping pattern has decreased by 4·5 points in 1975-76 as compared to the previous year.

*Industrial production.*—During the quarter ended June 1977 Industrial Production in Tamil Nadu faced a set back as the average General Index (Base 1970—100) dropped to 141·2 recording a decrease of 13·0 points or 8·4 per cent.

Significant decreases in production were noticed in respect of Sugar (Refined), Earth Moving Machinery, High Pressure Boilers and Fittings and Textile Machinery Frames.

Substantial increases in output were observed in respect of Gypsum, Refined Oil, Tea processed, Transformers, Railway Wagons and Bicycles.

*Handloom.*—The estimated production of handloom cloth in Tamil Nadu was 15,161 thousand metres during the quarter ended June 1977, showing a fall of 0.41 per cent when compared to the previous quarter.

*Electricity.*—During the quarter ended September 1977, the electricity generated was 1,489 million units as against 933 million units in the previous quarter.

The consumption of electricity had decreased from 1,714 million units during the quarter ended March 1977 to 1,576 million units during the quarter ended June 1977.

*Marine Fisheries.*—The Marine Fish landings on the coastline of Tamil Nadu for the quarter ended 30th September 1977 is estimated at 32,990 tonnes (Provisional) as against 28,180 tonnes for the previous quarter representing an increase of 17.0 per cent.

*Joint Stock Companies.*—During the quarter ended June 1977, 43 companies were newly registered as against 46 companies in the previous quarter. The total authorised capital of the companies registered during the quarter was Rs. 834.50 lakhs as against Rs. 879.69 lakhs in the previous quarter.

During the quarter, 3 companies went into liquidation.

*Transport.*—During the quarter ended September 1977 the number of motor vehicles newly registered was 5,362 as against 5,562 in the previous quarter, showing a decline in the number of registrations.

*Index number of wholesale prices in Tamil Nadu.*—(Base : Prices on 21st August 1939=100) During the quarter under review, the index number of wholesale prices of food-grains advanced by 2.3 per cent, while that of Commercial products and composite index declined by 1.5 per cent and 0.3 per cent respectively.

*Rural price Index Numbers.*—(Base : June 1971=100) During the quarter under review, the index number of Rural Prices for Thulayanatham, Guduvancheri and Kunnathur advanced while that of Puliyur, Agaram, Eriodu, Gokilapuram, and Kinathukadavu declined.

*Consumer price Index Number for Urban Non- Manual Employees.*—(Base : 1960=100) During the quarter ended June 1977, the Consumer Price Index Number for Urban Non-Manual Employees advanced in Madras City and Madurai while it remained constant at Tiruchirappalli.

*Parity Index.*—(Base : 1954-55=100). The Index number of parity between the prices received and prices paid by the farmer declined by 14.5 per cent during the quarter.

*Consumer price Index number.*—(Base : 1960=100) During the quarter under review, the Consumer Price Index numbers for September 1977 as compared to July 1977 advanced in Madras City, Tiruchirappalli, Coimbatore, and Coonoor centres, while those of Cuddalore, Madurai and Nagercoil registered a decline.

*Employment.*—The total number of employment seekers on the Live Register of Employment Exchanges at the end of the quarter ended September 1977 increased by 5.3 percent, compared with the previous quarter. The number of persons registered in the Exchanges during this quarter increased by 36.0 percent, compared with the previous quarter. The placements made through the Exchanges during this quarter decreased by 12.5 per cent compared with the previous quarter.

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PART-B.

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## BRIEF ACCOUNT OF PILOT ECONOMIC CENSUS CONDUCTED IN THE FIVE TALUKS OF CHENGALPATTU DISTRICT IN FEBRUARY 1977.

*Introduction.*—One of the serious short-comings in the present information system in the country is the lack of adequate data on the unorganised segments of industry, trade, transport, construction and services in the non-agricultural sector of the Economy. The information currently available in respect of the non-agricultural sector relates only to the organised segments such as registered factories, mines, railways, civil aviation, State transport undertakings, major ports, banks and Insurance companies, recognised educational institutions, hospitals, etc. These unorganised segments account for over one-fourth of the net domestic production and for about one-fifth of the total number of workers and hence play an important role in achieving the major objectives of the Five Year Plans. Detailed information on the structure, organisation, output, and productivity of the unorganised non-agricultural sectors is quite essential for effective planning for balanced economic growth as well as for purposes of administration. Lack of information in this vital area has been a serious handicap in the estimation of State and National incomes as also for identification of relatively backward districts. With a view to filling up this vital gap, the Government of India have sanctioned, as a Central Plan scheme, a scheme of Economic Census and Surveys to be undertaken during the Fifth Plan period.

The Economic Census proposed is the first of its kind in India.

*Object of the scheme.*—The scheme is proposed to be implemented in two phases.

(a) In the first phase, a census of all non-agricultural establishments in the urban and rural areas will be undertaken.

(b) In the second and subsequent phases, sample surveys covering a fairly large number of units engaged in non-agricultural economic activity in the unorganised segments will be conducted.

An establishment for the purpose of the Pilot Economic Census is one which undertakes non-agricultural economic activity employing one or more persons hired on a fairly regular basis.

*Pilot Economic Census.*—The Economic Census and Surveys in Tamil Nadu were preceded by a pilot economic census in a compact area of Chengalpattu district covering a little over 3 lakh households in five taluks viz., Tiruttani, Tiruvelllore, Sriperumbudur, Kanchipuram and Chengalpattu. The Pilot Census was carried out in 1,147 villages (including two uninhabited villages) and 29 towns.

*Object of the Pilot Economic Census.*—The object of the Pilot Economic Census was to test out the suitability of the census forms designed, check the validity of the concepts and definitions adopted, and gain the necessary organisational and operational experience in census operations.

*Results of the Pilot Census.*—According to the 1971 census, each district on an average had 6,000 establishments in the unorganised sector engaged in non-agricultural economic activities. In the 5 taluks covered by the Pilot Census in February 1977, the total number of establishments in the unorganised sector engaged in non-agricultural activities is 5,118. The figures for the two periods are not comparable in view of the pilot census being confined only to 5 taluks, yet, the pilot census figures indicate the magnitude of the probable increase in the number of establishments.

The Pilot Economic Census shows that of the 3,94,527 households/Units in the 5 taluks 45,242 households/Units (11.6 per cent) are engaged in non-agricultural economic activities in rural areas and 47,034 households/Units (44.9 per cent) in Urban areas. These include the units in the organised section also.

The number of own account enterprises as revealed by the Pilot Economic Census is 68,698. Of this 49 per cent is accounted for by rural areas. The average number of own account enterprise per Village works out to 29. In the Urban areas, there are 85 out account enterprises for every 1000 Population.

The total number of establishments as per definition of establishment under the Economic Census (i.e.) engaging atleast one paid worker on fairly regular basis as shown by the Pilot Economic Census is 13,658 including bigger ones in the organised sector. Of this about 48 per cent are in the rural areas. The average number of establishments in a village is 6. The number of establishments for every 1,000 population in urban areas is 17.

Of the 13,658 establishments enumerated in the course of the pilot census, 6,519 (47.7 per cent) are in the rural areas. Of this 207 (3.2 per cent) were found to be carrying on their activities without any premises of their own, 332 (5.1 per cent) are engaged in mixed activities. The rest of the establishments (7,139) are in the urban areas. Of this 137 (1.9 per cent) do not have any premises of their own for carrying out their economic activities, 191 (2.7 per cent) are engaged in mixed activities.

Of the 7,139 establishments identified in the urban areas, 3,372 (47.2 per cent) are found to be engaged in manufacturing and repair services, 2,336 (32.7 per cent) in wholesale and retail trade and restaurants and hotels. There are only 18 establishments engaged in mining and quarrying in the area covered by the pilot census, i.e. (0.3 per cent).

Out of the 6,519 establishments listed in the rural areas, 2,740 (42.0 per cent) are found to be engaged in manufacturing and repair services, 2,178 (33.4 per cent) in Community social and personal services. Only 9 establishments are found to be engaged in construction activity.

Out of the 1,145 villages, 288 villages (25.1 per cent) have no establishments at all, as defined by the Central Statistical Organisation for the purpose of the Economic census. 234 villages have got one each, 147 have 2 each, 90 have 3 each, 73 have 4 each, 42 have 5 each, and the rest have establishments 6 and above.

Villages having population between 1,000 and 2,000 have about 27 per cent of the total number of establishments. There is only one village with population 10,000 and above with 13 establishments in the pilot census area.

Of the 13,658 establishments covered by the pilot census, 11,057 establishments are only found to be employing persons between 1 to 5 ; 72 establishments employing persons between 50 and 99 and only one employing between 1,000 and 1,999.

The experience gained through the pilot economic census has facilitated suitable revision of the forms designed, the norms of the work load adopted and framing suitable design for carrying out the main economic census proposed to be conducted during the period from mid-September and mid-November 1977, by the Central Statistical Organisation, New Delhi.

#### PILOT ECONOMIC CENSUS, 1977.

#### DISTRICT CHENGALPATTU (Five Taluks)

Results from the 'Summary of the Houselist'.

Serial number and item.	Total for the district.		
	Rural.	Urban.	Total Rural and Urban.
(1)	(2)	(3)	(4)
1 Number of houses used for non-residential and residential-cum-non-residential purposes.	36,197	20,448	56,645
2 Number of units/households with non-agricultural activities (col. 2 of T. 1.)	45,242	47,034	92,276
3 Number of establishments without premises .. .. ..	207	137	344
4 Number of establishments registered/recognised .. .. ..	4,139	4,401	8,540
5 Number of establishments with mixed activities .. .. ..	332	191	523
6 Total number of establishments .. .. ..	6,644	7,032	13,676



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PART C

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## SELECT ECONOMIC INDICATORS.

## 1. POPULATION GROWTH.

			1941	1951	1961	1971	1977
Population in lakhs	..	..	263	301	337	412	469
Decadal variation (per cent)	..	..	+11.91	+14.66	+11.85	+22.30	+13.84
Index of population (1901--100)	..	..	136	156	175	214	244

## 2. INDEX NUMBERS OF AGRICULTURAL ECONOMY.

			1971-72	1972-73	1973-74	1974-75	1975-76
Area under crops ..	..	..	106.1	107.6	106.0	93.0	100.8
Cropping pattern ..	..	..	111.7	113.2	115.3	118.0	113.5
Yield ..	..	..	114.5	114.2	122.9	102.9	125.6
Agricultural production ..	..	..	135.7	139.2	150.2	113.0	143.7
Net area sown ..	..	..	105.5	105.2	102.6	92.3	99.5
Cropping intensity ..	..	..	100.5	102.3	103.3	100.8	101.3
Productivity ..	..	..	128.6	132.3	146.4	122.4	144.4

## 3. INDEX NUMBER OF INDUSTRIAL PRODUCTION.

		1971.R	1972.R	1973.R	1974.R	1975.*	1976.R
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
General Index ..	..	106	115	113	123	127	138

R--Revised.

\* Provisional.

## 4. INDEX NUMBERS OF WHOLESALE PRICES.

	Index.	1971.	1972.	1973.	1974.	1975.	1976.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Foodgrains ..	..	1,061	1,112	1,192	2,102	2,512	1,730
Commercial Products ..	..	1,338	1,498	2,017	2,265	2,391	2,463
Composite Index ..	..	1,215	1,327	1,653	2,193	2,445	2,139

## 5. CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

	Centre.	1971.	1972.	1973.	1974.	1975.	1976.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Madras City ..	..	178	197	221	281	325	283
Cuddalore ..	..	187	201	224	296	325	289
Tiruchirappalli ..	..	192	208	246	329	372	313
Madurai ..	..	189	201	226	306	352	296
Coimbatore ..	..	174	185	207	282	331	300
Nagercoil ..	..	198	219	255	339	390	330
Coonoor ..	..	186	193	214	307	314	295

## 6. ALL INDIA CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS.

(1960=100).

	1971.	1972.	1973.	1974.	1975.	1976.
All India Consumer Price Index	190	202	236	304	321	296

## 7. CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES.

(1960=100).

Centre.	1971	1972	1973	1974	1975	1976
(1)	(2)	(4)	(4)	(5)	(6)	(7)
Madras City	.. .. ..	184	200	222	275	310
Madurai	.. .. ..	164	175	199	264	306
Tiruchirapalli	.. .. ..	182	194	209	273	313
						282

## 8. INDEX NUMBERS OF RURAL PRICES.

(Year ended June 1936=100)

Centre.	1971	1972	1973	1974	1975	1976
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Puliyur (South Arcot)	.. .. ..	987	1038	1215	1709	2028
Agaram (South Arcot)	.. .. ..	956	1006	1158	1594	1736
Thulayanantham (Tiruchirapalli)	.. .. ..	1019	1061	1162	1693	2083
Erode (Madurai)	.. .. ..	998	1019	1245	2010	2302
Gokilapuram (Madurai)	.. .. ..	1126	1239	1500	2240	2452
Kinathukadavu (Coimbatore)	.. .. ..	1024	1047	1310	2242	2527
Guduvancheri (Chengalpattu)	.. .. ..	1056	1090	1288	1954	2211
Kunnathur (Chengalpattu)	.. .. ..	981	1009	1195	1886	2136
						1551

## 9. INDEX NUMBER OF PARITY.

(1954-55=100)

Item.	1971	1972	1973	1974	1975	1976
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prices received by farmer	..	234	238	279	440	501
Prices paid by farmer	..	282	295	325	465	553
Index of parity	.. .. ..	83	81	86	94	75

## 10. INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR.

(1960=100)

Category.	1971	1972	1973	1974	1975	1976
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Field Labour (Men)	.. ..	218	230	240	322	405
Tending Cattle (Men)	.. ..	176	187	198	239	344
Other Agricultural Labour (Men)	200	203	225	292	376	386

## 11. INDEX NUMBER OF TOTAL VALUE OF FOREIGN IMPORTS AND EXPORTS.

					(1970-71=100)
	1971-72	1972-73	1973-74	1974-75	1975-76
	(1)	(2)	(3)	(4)	(5)
Foreign Imports .. ..	108	96	168	191	151*
Foreign Exports .. ..	108	151	181	181	270

\* Provisional.

## 12. INDEX OF EMPLOYMENT.

					(1960=100)	
	1971	1972	1973	1974	1975	1976
	(1)	(2)	(3)	(4)	(5)	(6)
Persons registered .. ..	210.8	201.3	221.3	206.8	194.6	195.9
Persons placed on employment	113.7	100.5	98.5	92.6	96.3	95.1
Persons on the live register ..	358.1	370.9	460.2	485.1	569.4	647.5

## 13. INDEX NUMBER OF NET STATE DOMESTIC PRODUCT AT CURRENT PRICES BY SECTORAL GROUPS.

	Sectors.	1971-72	1972-73	1973-74	1974-75	1975-76
	(1)	(2)	(3)	(4)	(5)	(6)
1. Primary Sector .. ..	120.5	124.9	158.2	149.1	156.8	
	(Agriculture, Forestry and Logging, Fishing, Mining and Quarrying).					
2. Secondary Sector .. ..	105.6	113.8	147.2	174.3	184.7	
	(Manufacturing (Registered); Manufacturing (Un-registered); Construction, Electricity, Gas and Water Supply).					
3. Tertiary Sector .. ..	109.7	121.3	141.4	157.7	176.4	
	(Banking and Insurance, Real estate and ownership of dwelling, Public administration, Transport and communication, trade, Storage, Hotels and Restaurants, other service).					
4. Net State Domestic Product ..	113.0	120.9	149.5	158.3	170.6	
5. Per capita Net State Domestic Product.	111.1	116.7	141.5	145.4	153.2	

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PART D

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## I CLIMATE AND RAINFALL.

## rainfall :

The South-West monsoon which set in one day advance was erratic in the beginning. However, it had augered well in the subsequent months. It was generally well distributed, though the precipitation in the interior Tamil Nadu had been below the mark. The South West monsoon was normal in June and September, deficient in July and excessive in August.

The performance of the South-West monsoon was better than normal for the third year in succession. The monsoon was excessive (+20 per cent and above normal) in the districts of North Arcot, Coimbatore and the Nilgiris. It was deficient (-20 per cent to -59 percent of the normal) in the districts of Tirunelveli and Kanniakumari. The precipitation was normal in the other districts of the State.

## RAINFALL BY DISTRICT.

(IN MILLI METRES)

District.	(1)	June 1977.		July 1977.		August 1977.	
		Normal.	Actual.	Normal.	Actual.	Normal.	Actual.
Madras	..	..	..	44.7	86.4	86.6	26.4
Chengalpattu	..	..	..	49.1	64.6	88.9	37.7
South Arcot	..	..	..	43.9	76.0	73.6	32.0
North Arcot	..	..	..	59.1	105.9	87.6	75.3
Salem	..	..	..	48.9	37.0	68.2	62.7
Dharmapuri	..	..	..	55.6	43.4	63.3	55.5
Coimbatore	..	..	..	32.4	15.3	39.3	34.6
Tiruchirappalli	..	..	..	30.3	27.3	37.4	21.5
Pudukkottai	..	..	..	46.7	45.9	62.2	44.3
Thanjavur	..	..	..	34.2	53.3	47.2	42.7
Madurai	..	..	..	31.5	21.7	34.6	30.7
Ramanathapuram	..	..	..	21.8	11.1	31.4	39.8
Tirunelveli	..	..	..	29.6	6.6	26.4	10.6
The Nilgiris	..	..	..	232.2	221.1	378.9	290.0
Kanniakumari	..	..	..	227.7	93.2	132.1	89.6
STATE	..	..	..	45.5	44.6	60.6	45.4
							94.3
							128.4

(IN MILLI METRES)

Districts.		September 1977.		Total.		Percentage Departure from normal.
		Normal.	Actual.	Normal.	Actual.	
Madras	..	..	..	119.4	189.0	363.3
Chengalpattu	..	..	..	135.3	134.7	397.7
South Arcot	..	..	..	141.8	120.2	391.8
North Arcot	..	..	..	160.5	105.4	440.1
Salem	..	..	..	121.6	146.4	354.9
Dharmapuri	..	..	..	140.8	137.9	366.6
Coimbatore	..	..	..	72.2	140.4	199.9
						239.9
						+20.0

## RAINFALL BY DISTRICT—CONT.

Districts.	(2)	September 1977.		Total		Percentage Departure from normal.
		Normal.	Actual.	Normal.	Actual.	
	(8)	(9)	(10)	(11)	(12)	
Tiruchirappalli	.. .. .. ..	114.0	135.6	273.3	310.7	+13.7
Pudukkottai	.. .. .. ..	120.3	86.2	351.0	319.9	-8.9
Thanjavur	.. .. .. ..	109.8	74.3	288.7	294.9	+2.1
Madurai	.. .. .. ..	92.4	123.9	233.2	293.2	+25.7
Ramanathapuram	.. .. .. ..	69.9	59.8	125.4	187.1	+0.9
Tirunelveli	.. .. .. ..	30.2	26.1	109.5	55.0	-49.8
The Nilgiris	.. .. .. ..	179.8	247.7	1,061.3	936.3	-11.8
Kanniyakumari	.. .. .. ..	97.0	49.7	546.2	299.5	-45.2
STATE	.. .. .. ..	106.9	110.3	307.3	328.7	+7.0

Excess Rainfall—20 per cent and more of Normal.

Normal Rainfall—20 per cent to—20 per cent of normal.

Deficient Rainfall—20 per cent to—59 per cent of normal.

Scanty Rainfall—60 per cent to—99 per cent of normal.

## WATER SUPPLY.

During the quarter ended September 1977, most of the tanks in the districts of North Arcot, South Arcot, Salem, Coimbatore, Pudukkottai, Ramanathapuram and Tirunelveli were dry. The water-supply in the other districts was also reported to be inadequate.

The water level in the reservoirs of Redhills, Sholavaram, Poondi, Vaigai, Papanasam, Manimuthar, Pechiparai and Perunchani steadily decreased during the quarter under review. The water level in the reservoirs of Periyar, Amaravathi and Stanley increased in July but declined thereafter. The water level in Sathanur Dam, though increased during the first and third months, showed a decreasing trend in August. The water level in the Bhavani Reservoir declined in September and that of Wellingdon steadily increased during the quarter.

## WATER LEVELS IN SELECT RESERVOIRS.

(IN METRES)

Serial number and name of the Reservoirs.	Full Depth.	2nd July 1977.	30th July 1977.	6th August 1977.	27th August 1977.	3rd September 1977.	24th September 1977.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 Red hills .. .. ..	14.69	12.96	12.60	12.51	12.54	12.43	12.37
2 Sholavaram .. .. ..	19.66	18.13	17.59	17.47	17.40	17.33	17.30
3 Poondi .. .. ..	42.06	39.40	39.98	38.87	38.54	38.44	38.11
4 Sathanur .. .. ..	36.27	14.03	14.54	14.51	10.21	20.86	21.59
5 Wellingdon .. .. ..	8.60	2.88	2.87	2.85	4.24	4.24	4.84
6 Vaigai .. .. ..	21.64	13.16	13.01	12.86	11.33	9.21	8.38
7 Periyar .. .. ..	14.63	5.18	6.52	6.28	4.98	4.69	3.79
8 Papanasam .. .. ..	45.11	19.15	15.39	12.16	11.89	10.72	8.43
9 Manimuthar .. .. ..	35.97	15.84	12.09	11.73	8.30	8.25	8.16
10 Bhavani .. .. ..	32.30	15.75	20.35	21.07	20.42	19.45	18.10
11 Amaravathi .. .. ..	33.53	23.27	26.38	26.56	22.54	20.78	18.06
12 Stanley .. .. ..	36.58	16.88	18.94	20.58	12.89	12.01	11.71
13 Krishnagiri .. .. ..	15.89	9.97	10.19	10.08	10.21	10.24	11.49
14 Pechiparai .. .. ..	14.63	5.07	2.03	1.52	1.70	1.92	1.43
15 Perunchani .. .. ..	22.47	12.34	10.48	8.63	7.28	7.62	5.50

## II. AREA AND POPULATION.

### AREA, POPULATION, DENSITY, LITERACY, ETC.

Tamil Nadu occupies the eleventh rank among the States in India in regard to size with an area of 130,069 sq. kms.

As regards population, Tamil Nadu ranks fifth among the States in India. According to Census 1971 the population in Tamil Nadu is 41,199,168 of which 50·6 per cent are males and 49·4 per cent are females. 28,734,334 persons or 69·7 per cent of the population are in rural areas and the remaining 12,464,834 persons or 30·3 per cent are in urban areas.

Of the total population, 14,741,967 persons (35·8 per cent) are classified as workers and 26,457,201 persons (64·2 per cent) as non-workers. Among the workers 11,667,065 (79·1 per cent) are males and 3,074,902 (20·9 per cent) are females.

Literates form 39·5 per cent of the total population (16,256,393 persons) as against 31·4 per cent in 1961. Madras City has the highest percentage of literacy viz., 62·01 while Dharmapuri district has the lowest percentage, viz., 22·3.

According to Census 1971, the density of population in Tamil Nadu works out to 317 persq. km. Madras City has the highest density of population, viz., 19,293 while Dharmapuri district has the lowest density of population, viz. 174.

The population of Scheduled Castes and Scheduled Tribes in Tamil Nadu is 7,627,110 forming 18·51 per cent of the total population. 7,315,595 persons belong to Scheduled Castes and 311,515 persons are Scheduled Tribes. Chengalpattu district has the largest percentage of these two classes of people i.e., 27·22 while Kanniakumari district has the lowest percentage of Scheduled Castes and Scheduled Tribes i.e., 4·12.

AREA AND POPULATION BY DISTRICTS.  
(as per census 1971)

District/State.	Area.			Population.		
	Total.	Rural.	Urban.	Total.	Rural.	Urban.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(SQUARE KILOMETRE).						
1 Madras .. ..	128·0	..	128·0	2,469,449	..	2,469,449
2 Chengalpattu .. ..	7,920·0	7,279·0	641·0	2,907,599	1,896,909	1,010,690
3 North Arcot .. ..	12,265·0	12,026·0	238·4	3,755,797	2,972,702	783,095
4 South Arcot .. ..	10,898·0	10,659·6	238·4	3,617,723	3,104,726	512,997
5 Tiruchirappalli .. ..	11,114·3	10,769·0	345·3	3,192,134	2,433,755	758,379
6 Pudukkottai .. ..	4,649·9	4,594·5	55·4	947,351	832,372	114,979
7 Thanjavur .. ..	8,261·8	7,943·6	318·2	3,550,063	2,778,375	771,688
8 Madurai .. ..	12,626·0	12,168·0	461·0	3,938,197	2,614,003	1,324,194
9 Ramanathapuram .. ..	12,578·0	12,176·9	401·1	2,860,207	2,113,545	746,662
10 Tirunelveli .. ..	11,433·0	10,673·7	759·3	3,200,515	2,171,019	1,029,496
11 Kanniakumari .. ..	1,684·0	1,641·2	42·8	1,222,549	1,018,144	204,405
12 Salem .. ..	8,643·0	8,291·9	351·1	2,992,616	2,197,234	795,382
13 Dharmapuri .. ..	9,643·0	9,575·4	67·6	1,677,775	1,533,834	143,941
14 Coimbatore .. ..	15,673·0	14,733·8	939·2	4,373,178	2,816,936	1,556,242
15 Nilgiris .. ..	2,549·0	1,642·5	906·5	494,015	250,780	243,235
STATE .. ..	1,30,069·0	1,24,175·5	5,893·5	41,199,168	28,734,334	12,464,834

## GROWTH, RATE, DENSITY, SEX RATIO AND LITERACY

(as per Census 1971.)

District/State.	Decennial Growth Rate.	Density per Sq. km.	Number of females per 1000 males.	Literacy Rate.		
				Persons.	Males.	Females.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras ..	42.81	19,293	904	62.01	70.57	52.54
2 Chengalpattu ..	32.38	367	948	39.73	51.76	27.03
3 North Arcot ..	19.37	306	971	34.66	47.55	21.39
4 South Arcot ..	18.69	332	969	31.14	44.06	17.80
5 Tiruchirappalli ..	19.60	287	987	38.79	52.40	25.02
6 Pudukkottai ..	26.62	204	1,011	31.40	46.05	16.90
7 Thanjavur ..	17.75	430	994	40.30	53.55	26.96
8 Madurai ..	22.63	312	986	41.51	55.07	27.77
9 Ramanathapuram ..	18.11	227	1042	39.74	54.72	25.39
10 Tirunelveli ..	17.22	280	1042	44.83	57.13	33.02
11 Kanyakumari ..	22.63	726	972	58.21	64.12	52.14
12 Salem ..	21.07	346	963	31.71	42.68	20.33
13 Dharmapuri ..	25.94	174	969	22.32	31.66	12.67
14 Coimbatore ..	22.93	279	957	38.90	51.33	25.90
15 The Nilgiris ..	20.70	194	944	47.03	58.48	34.90
STATE ..	22.30	317	978	39.46	51.78	26.86

## SCHEDULED CASTES AND SCHEDULED TRIBES.

(as per census 1971.)

District/State.	(1)	Scheduled Castes,	Scheduled Tribes.	
			Percentage to district population.	(4)
(1)	(2)	(3)	(3)	(4)
1 Madras ..	259,119	10.49	928	
2 Chengalpattu ..	763,991	26.28	27,189	
3 North Arcot ..	725,885	19.33	70,727	
4 South Arcot ..	937,894	25.92	14,105	
5 Dharmapuri ..	227,825	13.58	30,123	
6 Salem ..	480,317	16.05	94,383	
7 Coimbatore ..	688,271	15.74	26,021	
8 The Nilgiris ..	92,694	18.76	19,869	
9 Madurai ..	587,874	14.93	6,707	
10 Tiruchirappalli ..	580,211	18.17	14,731	
11 Thanjavur ..	808,112	22.76	922	
12 Pudukkottai ..	151,294	15.97	278	
13 Ramanathapuram ..	459,616	16.07	1,056	
14 Tirunelveli ..	504,956	15.78	1,614	
15 Kanyakumari ..	47,536	3.89	2,862	
STATE ..	7,315,595	17.76	311,51	

## SCHEDULED CASTES AND SCHEDULED TRIBES—cont.

(as per census 1971.)

<i>District/State.</i>	<i>Percentage to district population.</i>	<i>Scheduled castes and Scheduled Tribes.</i>	<i>Percentage to district population.</i>
(1)	(5)	(6)	(7)
1 Madras .. .. .. .. .. ..	0.04	260,047	10.53
2 Chengalpattu .. .. .. .. .. ..	0.94	791,180	27.22
3 North Arcot .. .. .. .. .. ..	1.88	796,612	21.21
4 South Arcot .. .. .. .. .. ..	0.39	951,999	26.31
5 Dharmapuri .. .. .. .. .. ..	1.80	257,948	15.38
6 Salem .. .. .. .. .. ..	3.15	574,700	19.20
7 Coimbatore .. .. .. .. .. ..	0.60	714,292	16.34
8 The Nilgiris .. .. .. .. .. ..	4.02	112,563	22.78
9 Madurai .. .. .. .. .. ..	0.17	594,581	15.10
10 Tiruchirappalli .. .. .. .. .. ..	0.46	594,942	18.64
11 Thanjavur .. .. .. .. .. ..	0.03	809,034	22.79
12 Pudukkottai .. .. .. .. .. ..	0.03	151,572	16.00
13 Ramanathapuram .. .. .. .. .. ..	0.03	460,672	16.11
14 Tirunelveli .. .. .. .. .. ..	0.05	506,570	15.83
15 Kanniayakumari .. .. .. .. .. ..	0.23	50,398	4.12
<b>State .. .. .. .. .. ..</b>	<b>0.75</b>	<b>7,627,110</b>	<b>18.51</b>

## POPULATION BY CATEGORIES OF WORKERS—1971.

(as per census 1971.)

<i>District/State.</i>	<i>Cultivators.</i>	<i>Agricultural labourers.</i>	<i>Livestock Forestry, Fishing Hunting and Plantations Orchards and Allied activities.</i>
(1)	(2)	(3)	(4)
Madras .. .. .. .. .. ..	1,061	649	8,923
Chengalpattu .. .. .. .. .. ..	238,790	330,254	19,389
North Arcot .. .. .. .. .. ..	510,096	416,303	17,184
South Arcot .. .. .. .. .. ..	523,709	464,411	18,255
Tiruchirappalli .. .. .. .. .. ..	502,425	330,442	11,191
Pudukkottai .. .. .. .. .. ..	187,427	64,441	3,799
Thanjavur .. .. .. .. .. ..	316,281	518,167	23,256
Madurai .. .. .. .. .. ..	420,324	526,238	36,325
Ramanathapuram .. .. .. .. .. ..	371,900	275,045	25,671
Tirunelveli .. .. .. .. .. ..	290,757	360,858	33,821
Kanniayakumari .. .. .. .. .. ..	58,120	126,447	27,349
Salem .. .. .. .. .. ..	410,554	331,347	14,540
Dharmapuri .. .. .. .. .. ..	349,768	160,727	6,200
Coimbatore .. .. .. .. .. ..	417,124	570,330	55,296
Nilgiris .. .. .. .. .. ..	9,451	14,406	102,146
<b>STATE .. .. .. .. .. ..</b>	<b>4,607,787</b>	<b>4,490,065</b>	<b>403,295</b>
<b>Percentage .. .. .. .. .. ..</b>	<b>31.26</b>	<b>30.46</b>	<b>2.74</b>

POPULATION BY CATEGORIES OF WORKERS—1971 *con.* (as per census 1971.)

District/State.	Manufacturing, Processing servicing and Repairs.		
	Mining and Quarrying.	Household Industry.	Non Household Industry.
		(a)	
	(5)	(6)	(7)
Madras .. .. .. .. .. ..	223	11,171	179,486
Chengalpattu .. .. .. .. .. ..	2,183	50,230	112,792
North Arcot .. .. .. .. .. ..	4,104	54,759	92,976
South Arcot .. .. .. .. .. ..	14,185	24,522	43,967
Tiruchirapalli .. .. .. .. .. ..	3,171	39,754	97,092
Pudukkottai .. .. .. .. .. ..	908	6,339	12,618
Thanjavur .. .. .. .. .. ..	351	30,597	51,194
Madurai .. .. .. .. .. ..	3,805	46,406	108,319
Ramanathapuram .. .. .. .. .. ..	1,817	58,401	90,760
Tirunelveli .. .. .. .. .. ..	4,081	105,503	117,632
Kanniyakumari .. .. .. .. .. ..	632	18,857	30,516
Salem .. .. .. .. .. ..	8,982	108,393	111,900
Dharmapuri .. .. .. .. .. ..	2,319	8,202	12,467
Coimbatore .. .. .. .. .. ..	3,167	105,859	225,563
Nilgiris .. .. .. .. .. ..	726	920	15,142
STATE .. .. .. .. .. ..	50,654	669,913	1,302,424
Percentage .. .. .. .. .. ..	0.34	4.54	8.83

POPULATION BY CATEGORIES OF WORKERS—1971—*cont.*

(as per census 1971)

District/State.	Construction.	Transport, storage and communication.	
		Trade and Commerce.	(10)
	(8)	(9)	
Madras .. .. .. .. .. ..	33,497	169,531	129,334
Chengalpattu .. .. .. .. .. ..	16,422	64,724	41,302
North Arcot .. .. .. .. .. ..	14,013	81,321	35,510
South Arcot .. .. .. .. .. ..	9,456	56,053	21,803
Tiruchirapalli .. .. .. .. .. ..	16,697	80,620	32,428
Pudukkottai .. .. .. .. .. ..	2,593	19,477	41,38
Thanjavur .. .. .. .. .. ..	13,289	96,911	23,050
Madurai .. .. .. .. .. ..	17,535	127,827	34,123
Ramanathapuram .. .. .. .. .. ..	11,980	78,307	14,498
Tirunelveli .. .. .. .. .. ..	15,667	97,887	28,822
Kanniyakumari .. .. .. .. .. ..	9,829	26,602	9,376
Salem .. .. .. .. .. ..	19,594	68,248	33,643
Dharmapuri .. .. .. .. .. ..	4,798	25,273	7,225
Coimbatore .. .. .. .. .. ..	44,810	148,756	44,457
Nilgiris .. .. .. .. .. ..	4,055	12,685	5,949
STATE .. .. .. .. .. ..	234,235	1,154,222	465,657
Percentage .. .. .. .. .. ..	1.59	7.83	3.

POPULATION BY CATEGORIES OF WORKERS, 1971—*cont.*  
as per census 1971.

<i>District/State</i>	<i>Other services.</i>	<i>Total.</i>	<i>Non-workers.</i>
		<i>workers.</i>	<i>(13)</i>
		<i>(11)</i>	<i>(12)</i>
Madras .. .. .. .. .. ..	162,504	696,379	1,773,070
Chingleputtu .. .. .. .. ..	104,669	980,755	1,926,844
North Arcot .. .. .. .. ..	106,903	1,333,169	2,422,628
South Arcot .. .. .. .. ..	78,802	1,255,163	2,362,560
Tiruchirapalli .. .. .. .. ..	88,213	1,202,033	1,990,101
Pudukkottai .. .. .. .. ..	21,959	323,649	623,702
Thanjavur .. .. .. .. ..	110,000	1,183,096	2,366,967
Madurai .. .. .. .. ..	133,036	1,453,938	2,484,259
Ramanathapuram .. .. .. .. ..	91,966	1,020,345	1,839,862
Tirunelveli .. .. .. .. ..	116,488	1,171,516	2028,999
Kanniyakumari .. .. .. .. ..	42,767	350,494	872,055
Salem .. .. .. .. ..	75,078	1,182,279	1,810,337
Dharmapuri .. .. .. .. ..	33,899	610,878	1,066,897
Coimbatore .. .. .. .. ..	171,098	1,786,460	2,386,718
Nilgiris .. .. .. .. ..	26,333	191,813	302,202
<b>State .. .. .. .. ..</b>	<b>1,363,715</b>	<b>14,741,967</b>	<b>26,457,201</b>
<b>Percentage .. .. .. .. ..</b>	<b>9.25</b>	<b>100.00</b>	<b>...</b>

### III. AGRICULTURE.

#### LAND UTILISATION.

The total geographical area of Tamil Nadu according to village papers was 13.0 million hectares in 1975-76. Out of which the net area sown accounted for 6.0 million hectares. The area cultivable but not cultivated showed 2.7 million hectares and the uncultivable land was 4.3 million hectares. Out of the 6.0 million hectares of the net area sown, 2.6 million hectares or about 43 per cent was irrigated. The area sown more than once was 1.2 million hectares of which 0.8 million hectares or about 65 per cent was irrigated.

Out of 2.7 million hectares of total area cultivable but not cultivated, 1.4 million hectares or 52 per cent was under current fallows and the remaining 48 per cent was under other non-cultivated lands excluding current fallows. The extent of area under un-cultivable land was 4.3 million hectares comprising 2.0 million hectares (46 per cent) of forest land and 2.3 million hectares (54 per cent) of other uncultivable area including land put to non-agricultural uses.

The gross cropped area was 7.2 million hectares out of which 3.4 million hectares or 47 per cent was irrigated.

## LAND UTILISATION 1975-76.

In hectares according to village papers.)

District.	Total geographical area by village papers.	Uncultivable land.	
		Forests.	Barren and uncultivable land.
(1)	(2)	(3)	(4)
Madras ..	12,800	..	..
Chengalpattu ..	783,938	43,150	31,021
South Arcot ..	1,089,884	52,819	125,284
North Arcot ..	1,230,223	318,888	67,184
Salem ..	862,006	157,248	69,937
Dharmapuri ..	962,913	317,294	79,492
Coimbatore ..	1,573,132	388,534	19,274
Tiruchirappalli ..	1,112,090	77,974	40,528
Pudukkottai ..	466,130	25,284	10,840
Thanjavur ..	819,918	10,451	34,368
Madurai ..	1,266,396	240,473	85,233
Ramanathapuram ..	1,250,275	47,831	19,580
Tirunelveli ..	1,141,623	132,676	40,119
The Nilgiris ..	234,464	108,831	33,814
Kanniyakumari ..	167,186	50,539	7,486
STATE ..	12,998,978	1,971,992	664,160

Uncultivable land—cont.

District.	Land put to non-agricultural uses.	Total.	
		(5)	(6)
Madras ..	12,800	12,800	
Chengalpattu ..	183,538	257,709	
South Arcot ..	117,936	296,039	
North Arcot ..	126,985	513,057	
Salem ..	68,633	295,818	
Dharmapuri ..	77,460	474,246	
Coimbatore ..	131,493	539,301	
Tiruchirappalli ..	145,910	264,412	
Pudukkottai ..	128,593	164,717	
Thanjavur ..	136,604	181,423	
Madurai ..	113,225	438,931	
Ramanathapuram ..	231,690	299,101	
Tirunelveli ..	153,561	326,356	
The Nilgiris ..	11,790	154,435	
Kanniyakumari ..	19,786	77,811	
STATE ..	1,660,004	4,296,156	

## LAND UTILISATION 1975-76—cont

(in hectares according to Village papers.  
Area cultivable but not cultivated.

District.	Cultivable waste.	Permanent pastures and other grazing lands.	Land under Misc. tree crops and groves not included in the net area sown.		
			(7)	(8)	(9)
Madras ..	..	..	..	..	..
Chengalpattu ..	..	..	21,759	33,966	27,717
South Arcot ..	..	..	62,776	10,994	47,415
North Arcot ..	..	..	31,400	9,376	10,119
Salem ..	..	..	26,569	14,090	5,085
Dharmapuri ..	..	..	10,312	11,370	5,426
Coimbatore ..	..	..	6,926	9,229	12,885
Tiruchirappalli ..	..	..	45,529	40,693	16,997
Pudukkottai ..	..	..	18,590	4,411	7,957
Thanjavur ..	..	..	20,247	4,101	20,193
Madurai ..	..	..	25,917	11,737	15,680
Ramanathapuram ..	..	..	40,952	3,100	5,044
Tirunelveli ..	..	..	56,915	22,214	22,597
The Nilgiris ..	..	..	16,508	8,792	7,489
Kanniyakumari ..	..	..	748	224	2,185
STATE ..	..	385,148	184,317	206,789	

District.	Area cultivable but not cultivated—cont.			
	Current fallows.	Other fallow land.	Total.	
	(10)	(11)	(12)	
Madras ..	..	..	..	
Chengalpattu ..	..	93,463	16,367	193,272
South Arcot ..	..	91,877	40,082	253,144
North Arcot ..	..	86,284	43,163	180,342
Salem ..	..	72,260	27,194	145,198
Dharmapuri ..	..	28,998	8,945	65,051
Coimbatore ..	..	265,997	39,809	334,846
Tiruchirappalli ..	..	133,498	32,301	269,018
Pudukkottai ..	..	51,246	22,149	104,353
Thanjavur ..	..	20,614	22,525	87,680
Madurai ..	..	162,263	36,438	252,055
Ramanathapuram ..	..	199,124	98,267	346,487
Tirunelveli ..	..	204,976	130,556	437,258
The Nilgiris ..	..	4,555	3,736	41,080
Kanniyakumari ..	..	400	253	3,810
STATE ..	1,415,555	521,785	2,713,594	

## LAND UTILISATION 1975-76—cont.

(In hectares according to village papers.)

District	Net area sown.		
	Irrigated.	Un-irrigated.	Total.
	(13)	(14)	(15)
Madras ..	..	..	..
Chengalpattu ..	..	..	243,069
South Arcot ..	..	..	286,920
North Arcot ..	..	..	258,691
Salem ..	..	..	115,263
Dharmapuri ..	..	..	65,618
Coimbatore ..	..	..	290,914
Tiruchirappalli ..	..	..	166,638
Pudukkottai ..	..	..	98,665
Thanjavur ..	..	..	474,126
Madurai ..	..	..	193,900
Ramanathapuram ..	..	..	216,213
Tirunelveli ..	..	..	126,217
The Nilgiris ..	..	..	95
Kanniyakumari ..	..	..	28,690
STATE ..	2,565,019	3,424,209	5,989,228

District	Area sown more than once.		
	Irrigated.	Un-irrigated.	Total.
	(16)	(17)	(18)
Madras ..	..	..	..
Chengalpattu ..	..	109,688	22,461
South Arcot ..	..	105,065	48,751
North Arcot ..	..	78,775	55,047
Salem ..	..	33,728	24,778
Dharmapuri ..	..	20,762	25,746
Coimbatore ..	..	67,530	50,650
Tiruchirappalli ..	..	59,848	19,520
Pudukkottai ..	..	16,716	1,730
Thanjavur ..	..	165,684	159,876
Madurai ..	..	57,715	4,823
Ramanathapuram ..	..	12,163	1,686
Tirunelveli ..	..	56,882	15,029
The Nilgiris ..	..	..	1,194
Kanniyakumari ..	..	26,734	3,426
STATE ..	811,290	434,717	1,246,007

## LAND UTILISATION 1975-76—cont.

District.	(1)	(in hectares according to village papers.)		
		Irrigated.	Un-irrigated.	Total.
Madras ..	.. .. .. .. .. .. ..	..	..	..
Chengalpattu ..	.. .. .. .. .. ..	352,757	118,349	471,106
South Arcot ..	.. .. .. .. .. ..	391,985	302,532	694,517
North Arcot ..	.. .. .. .. .. ..	337,466	333,180	670,646
Salem ..	.. .. .. .. .. ..	148,991	330,605	479,496
Dharmapuri ..	.. .. .. .. .. ..	86,380	383,744	470,124
Coimbatore ..	.. .. .. .. .. ..	358,444	458,721	817,165
Tiruchirappalli ..	.. .. .. .. .. ..	226,486	431,542	658,028
Pudukkottai ..	.. .. .. .. .. ..	115,381	100,125	215,506
Thanjavur ..	.. .. .. .. .. ..	639,810	236,565	876,375
Madurai ..	.. .. .. .. .. ..	251,615	386,333	637,948
Ramanathapuram ..	.. .. .. .. .. ..	228,376	390,160	618,536
Tirunelveli ..	.. .. .. .. .. ..	183,099	266,821	449,920
The Nilgiris ..	.. .. .. .. .. ..	95	60,048	60,143
Kanniyakumari ..	.. .. .. .. .. ..	55,424	60,301	115,725
STATE ..	..	3,376,309	3,858,926	7,235,235

**Irrigation.**—Out of 6·0 million hectares of net area sown, 2·6 million hectares 43 per cent was irrigated. The proportion of net area irrigated to the net area sown was above 50 per cent in the deltaic district of Thanjavur being 86·1 per cent. In the non-deltaic districts of Chengalpattu, South Arcot and Pudukkottai the percentages are 71·7, 53·1 and 50·1 respectively. The figure was less than 50 per cent in other districts of the State as indicated below :—

District.	(1)	Percentage of net area irrigated to the net area sown.
		(2)
1. North Arcot ..	.. .. .. .. ..	48·2
2. Coimbatore ..	.. .. .. .. ..	41·6
3. Ramanathapuram ..	.. .. .. .. ..	35·8
4. Madurai ..	.. .. .. .. ..	33·7
5. Kanniyakumari ..	.. .. .. .. ..	33·5
6. Tirunelveli ..	.. .. .. .. ..	33·4
7. Tiruchirappalli ..	.. .. .. .. ..	28·8
8. Salem ..	.. .. .. .. ..	27·4
9. Dharmapuri ..	.. .. .. .. ..	15·5
10. The Nilgiris ..	.. .. .. .. ..	0·2

The different sources of irrigation and the percentages of area irrigated by each to the total net area irrigated are shown below :—

<i>Source of irrigation.</i>		<i>Percentage of area irrigated to the total net area irrigated.</i>
(1)		(2)
1. Government canals .. .. .. ..		35.5
2. Wells (Tube wells and ordinary wells) .. ..		33.9
3. Tanks .. .. .. ..		29.2
4. Other sources including private canals ..		1.4

Government canals were the principal source of irrigation in the districts of Thanjavur (97.4 per cent), Kanniakumari (56.8 per cent), Tiruchirappalli (48.4 per cent) and Coimbatore (47.9 per cent). The districts in which tank irrigation was the important source are given below together with the percentage of area irrigated.

<i>District.</i>		<i>Percentage of area irrigated from tanks to the total net area irrigated in the district.</i>
(1)		(2)
1. Ramanathapuram .. .. .. ..		82.2
2. Pudukkottai .. .. .. ..		78.5
3. Chengalpattu .. .. .. ..		63.4
4. Kanniakumari .. .. .. ..		39.1
5. North Arcot .. .. .. ..		38.0
6. Tirunelveli .. .. .. ..		36.6
7. South Arcot .. .. .. ..		27.1

*Wells and other sources.*—Wells including tube wells were the Chief source of irrigation in Salem (76.8 per cent), Dharmapuri (59.5 per cent), North Arcot (53.0 per cent), Coimbatore (50.0 per cent), Tirunelveli (46.6 per cent), Madurai (46.1 per cent), Tiruchirappalli (35.0 per cent) and South Arcot (27.9 per cent) districts.

Net area irrigated by springs, channels and kasams was negligible in the Nilgiris district.

*Wells supplementing other irrigation sources.*—Wells supplementing other irrigation sources served fairly large areas in North Arcot, Chengalpattu and South Arcot districts their percentages to the total net area irrigated in the districts being 10.9, 10.0 and 83 respectively.

*Crops irrigated.*—The area of crops irrigated in the State was 3.4 million hectares. It was more than 50 per cent of the gross area sown under all crops in the districts of Chengalpattu and Thanjavur, the percentages being 74.9 and 73.0 respectively. It was less than 25 per cent of gross area sown in the districts of Dharmapuri (18.4 per cent) and The Nilgiris (0.2 per cent).

Of the total area of crops irrigated 81.5 per cent was under cereals and pulses, 3.8 per cent under sugarcane, 5.2 per cent under oil seeds (groundnut, gingelly and castor) 2.1 per cent under cotton and the remaining 7.4 per cent under other crops.

The area irrigated more than once was 0.8 million hectares.

## AREA IRRIGATED BY SOURCES/CROPS.—1975-76

(in hectares.)

District.	Net area irrigated by.					Total net area irrigated.	
	Government canals and private canals.	Tanks.	Wells including tube wells.	Other sources.			
(1)	(2)	(3)	(4)	(5)	(6)		
Chengalpattu	.. .. .. .. ..	9,027	154,232	71,107	8,703	243,069	
South Arcot	.. .. .. .. ..	75,501	77,816	122,033	11,570	286,920	
North Arcot	.. .. .. .. ..	19,365	98,313	138,389	2,624	258,691	
Salem	.. .. .. .. ..	16,416	8,225	88,512	2,110	115,263	
Dharmapuri	.. .. .. .. ..	7,072	17,971	39,036	1,539	65,618	
Coimbatore	.. .. .. .. ..	139,975	4,365	145,377	1,197	290,914	
Tiruchirappalli	.. .. .. .. ..	80,579	22,581	60,292	3,186	166,638	
Pudukkottai	.. .. .. .. ..	10,427	77,449	10,602	187	98,665	
Thanjavur	.. .. .. .. ..	461,642	3,735	6,822	1,927	474,126	
Madurai	.. .. .. .. ..	53,042	49,535	89,770	1,553	193,900	
Ramanathapuram	.. .. .. .. ..	322	177,772	38,006	113	216,213	
Tirunelveli	.. .. .. .. ..	20,722	46,133	59,128	184	126,217	
The Nilgiris	.. .. .. .. ..	..	..	..	95	95	
Kanniyakumari	.. .. .. .. ..	16,301	11,701	323	365	28,690	
	State	..	910,441	749,828	869,397	35,353	2,565,019

District.	Paddy.	Wheat.	Other cereals and pulses.	Sugarcane.		
(1)—cont.	(7)	(8)	(9)	(10)		
Chengalpattu	.. .. .. .. ..	299,121	..	21,370	2,697	
South Arcot	.. .. .. .. ..	280,287	..	30,198	21,467	
North Arcot	.. .. .. .. ..	236,153	15	32,231	27,992	
Salem	.. .. .. .. ..	61,849	..	36,290	9,218	
Dharmapuri	.. .. .. .. ..	48,857	25	13,754	8,325	
Coimbatore	.. .. .. .. ..	125,866	93	85,281	30,515	
Tiruchirappalli	.. .. .. .. ..	144,913	..	29,215	9,010	
Pudukkottai	.. .. .. .. ..	101,896	..	5,483	323	
Thanjavur	.. .. .. .. ..	607,490	..	4,427	6,161	
Madurai	.. .. .. .. ..	145,404	68	48,513	6,474	
Ramanathapuram	.. .. .. .. ..	163,913	..	27,390	4,638	
Tirunelveli	.. .. .. .. ..	110,930	..	31,513	1,002	
The Nilgiris	.. .. .. .. ..	11	..	..	..	
Kanniyakumari	.. .. .. .. ..	52,901	..	10	1	
	State	..	2,378,871	201	365,675	127,823

## AREA IRRIGATED BY SOURCES/CROPS-1975-76—cont.

	<i>District.</i>	<i>Cotton.</i>	<i>Oilseeds.</i>	<i>Others.</i>	<i>Total.</i>
	(1)—cont.	(11)	(12)	(13)	(14)
Chengalpattu	.. .. .. .. ..	2	22,267	7,300	352,757
South Arcot	.. .. .. .. ..	2,894	46,318	10,821	391,985
North Arcot	.. .. .. .. ..	45	30,481	10,549	337,466
Salem	.. .. .. .. ..	4,057	10,020	27,557	148,991
Dharmapuri	.. .. .. .. ..	1,568	6,258	7,593	86,380
Coimbatore	.. .. .. .. ..	37,495	40,849	38,345	358,444
Tiruchirappalli	.. .. .. .. ..	1,022	12,311	30,015	226,486
Pudukkottai	.. .. .. .. ..	149	5,229	2,301	115,381
Thanjavur	.. .. .. .. ..	55	12,493	9,184	639,810
Madurai	.. .. .. .. ..	13,535	11,116	26,505	251,615
Ramanathapuram	.. .. .. .. ..	5,549	5,340	22,266	228,376
Tirunelveli	.. .. .. .. ..	5,728	5,247	28,679	183,099
The Nilgiris	.. .. .. .. ..	..	..	84	95
Kanniyakumari	.. .. .. .. ..	..	475	2,037	55,424
	<i>State</i>	<i>72,099</i>	<i>208,404</i>	<i>223,236</i>	<i>3,376,309</i>

## INDEX NUMBERS OF AGRICULTURAL ECONOMY.

The Index Number of area under (Crops Triennium ended 1961-62.—100) in general increased by 7.8 points from 93.0 in 1974-75 to 100.8 in 1975-76.

The Index of yield showed an increase of 22.7 points from 102.9 in 1974-75 to 125.6 in 1975-76.

The Index of agricultural production increased by 30.7 points from 113.0 in 1974-75 to 143.7 in 1975-76.

The Index of cropping pattern however decreased by 4.5 points from 118.0 in 1974-75 to 113.5 in 1975-76.

The Index of net area sown increased by 7.2 points from 92.3 in 1974-75 to 99.5 in 1975-76.

The Index of cropping intensity showed an increased of 0.5 points from 100.8 in 1974-75 to 101.3 in 1975-76.

The Index of productivity per hectare recorded an increase of 22.0 points from 122.4 in 1974-75 to 144.4 in 1975-76.

## INDEX NUMBERS OF AGRICULTURAL ECONOMY.

(Triennium ended 1961-62 = 100)

Crop.	Index of area under crops.				Index of yield.	
	1974-75.	1975-76.	1974-75.	1975-76.		
	(1)	(2)	(3)	(4)	(5)	
<i>Food Group—</i>						
Total—Cereals	..	..	84.8	98.5	104.0	133.9
Total—Pulses	..	..	119.5	119.3	89.4	91.8
Total—Food group	..	..	87.3	100.0	103.7	133.0
<i>Non-Food Group—</i>						
Total—Oil seeds	..	..	98.7	93.0	75.2	90.0
Fibre	....	..	62.7	52.3	109.9	121.5
Total—Plantation crops	..	..	131.3	101.6	161.1	179.3
Condiments and spices	..	..	95.4	124.7	99.1	124.8
Total—Fruits and vegetables	..	..	155.7	155.5	132.7	155.3
Total—Miscellaneous crops	..	..	185.2	157.8	110.3	122.3
Total—Non-Food crop	..	..	108.5	103.0	102.3	118.0
General	..	..	93.0	100.8	102.9	125.6

Crop.	(1)—cont.	1974-75		1975-76	
		Index of Agricultural production.		Index of cropping pattern.	
		1974-75.	1975-76.	1974-75.	1975-76.
		(6)	(7)	(8)	(9)
<b>Food Group—</b>					
Total—Cereals	..	..	..	91.6	136.1
Total—Pulses	..	..	..	125.3	129.4
Total—Food group	..	..	..	92.1	136.0
<b>Non-Food Group—</b>					
Total—Oil seeds	..	..	..	105.7	123.0
Fibre	..	..	..	68.7	63.4
Total—Plantation crops	..	..	..	221.2	204.0
Condiments and spices	..	..	..	95.6	156.7
Total—Fruits and vegetables	..	..	..	183.3	209.9
Total—Miscellaneous crops	..	..	..	212.6	197.6
Total—Non-Food crop	..	..	..	140.4	153.8
General	..	..	..	113.0	143.7
				1974-75.	1975-76.
Index of net area sown	..	..	..	92.3	99.5
Index of cropping intensity	..	..	..	100.8	101.3
Index of productivity per hectare	..	..	..	122.4	144.4

## WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR

The Index Numbers of wages paid to the agriculture labourers during the quarter ended September 1977 showed an upward trend over the previous quarter in the case of non-adults under 'Field Labourers', women and non-adults under 'Tending cattle' and non-adults under 'Other Agricultural Labourers' the increase ranging from 15 powers to 23 points the Index Numbers decreased in the case of men and women under 'Field Labourers' and other agricultural Labourers and men under 'Tending Cattle' the decrease being 9 points to 37 points.

INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR—*cont.*

Period.	(1)	Field labourers. <sup>(1960-100)</sup>		
		Men.	Women.	Non-adults.
1971	.. .. .. .. .. .. .. ..	218	214	251
1972	.. .. .. .. .. .. .. ..	230	220	253
1973	.. .. .. .. .. .. .. ..	240	226	260
1974	.. .. .. .. .. .. .. ..	322	296	341
1975	.. .. .. .. .. .. .. ..	405	391	418
1976	.. .. .. .. .. .. .. ..	384	381	406
1976—October	.. .. .. .. .. .. .. ..	382	391	421
November	.. .. .. .. .. .. .. ..	392	408	415
December	.. .. .. .. .. .. .. ..	384	399	414
1977—January	.. .. .. .. .. .. .. ..	380	395	410
February	.. .. .. .. .. .. .. ..	387	397	431
March	.. .. .. .. .. .. .. ..	391	399	419
April	.. .. .. .. .. .. .. ..	390	394	422
May	.. .. .. .. .. .. .. ..	406	410	431
June	.. .. .. .. .. .. .. ..	403	397	427
July	.. .. .. .. .. .. .. ..	390	390	438
August	.. .. .. .. .. .. .. ..	387	377	441
September	.. .. .. .. .. .. .. ..	395	385	451
Period.	(1)	Tending cattle.		
		Men.	Women.	Non-adults.
1971	.. .. .. .. .. .. .. ..	176	170	213
1972	.. .. .. .. .. .. .. ..	187	197	222
1973	.. .. .. .. .. .. .. ..	198	200	232
1974	.. .. .. .. .. .. .. ..	239	236	281
1975	.. .. .. .. .. .. .. ..	244	345	361
1976	.. .. .. .. .. .. .. ..	336	336	359
1976—October	.. .. .. .. .. .. .. ..	356	297	369
November	.. .. .. .. .. .. .. ..	335	292	346
December	.. .. .. .. .. .. .. ..	331	305	351
1977 January	.. .. .. .. .. .. .. ..	345	305	352
February	.. .. .. .. .. .. .. ..	341	305	357
March	.. .. .. .. .. .. .. ..	356	305	359

**INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF  
AGRICULTURAL LABOUR.**

Period.	(1)	Tending Cattle.			Non-adults. (7)
		Men. (5)	Women. (6)		
April	..	356	305	354	
May	..	355	305	351	
June	..	344	284	357	
July	..	317	303	380	
August	..	309	325	361	
September	..	320	326	366	
Period.	(1)	Other Agricultural Labourers.			Non-adults. (10)
		Men. (8)	Women. (9)		
1971	..	200	175	218	
1972	..	203	180	230	
1973	..	225	198	253	
1974	..	292	259	326	
1975	..	376	338	377	
1976	..	386	346	394	
1976—October	..	398	368	420	
November	..	402	364	414	
December	..	399	352	407	
1977—January	..	391	348	404	
February	..	393	346	413	
March	..	402	360	399	
April	..	403	349	383	
May	..	403	357	400	
June	..	398	347	399	
July	..	390	333	429	
August	..	387	338	400	
September	..	396	345	422	

**IV. CROP PROSPECTS.**

The rains received during the quarter ended 30th September 1977, were helpful for standing paddy, cotton, groundnut, cholam, cumbu, Ragi, etc., The rains had facilitated the preparatory village conditions of wet and dry crops in various parts of the State. Ploughing operations were steadily progressing in South Arcot district. Sowing of paddy, groundnut, gingelly, cumbu, varagu and cholam were done in certain parts of South Arcot and Coimbatore districts. Transplantation of Samba paddy was in progress in certain parts of North Arcot district under well irrigation. In Pudukkottai district transplantation of paddy was in progress wherever water was available in the tanks. In Thanjavur district transplantation of Kuruvai paddy was over. The extent of area under Kuruvai paddy was about 3.20 lakh acres. Transplantation of Samba paddy had commenced in certain parts of Thanjavur district. Transplantation of paddy was completed in Madurai North, Madurai South, Nilakkottai, Uthamapalayam and Periyakulam taluks of Madurai district. Sowing of paddy in Kamuthi and Devakottai sub-taluks and showing of varagu, ragi, gingelly in Illanyankudi sub-taluk of Ramnad were over. Sowings of groundnut, cumbu,

varagu, blackgram and chillies were in progress in certain parts of Sivaganga taluk, and Tiruchuli sub-taluk of Ramana Thapuram district. Paddy, cumbu, cholam, chillies, groundnut, plantain and sugarcane were the main standing crops in Tirunelveli district.

Sowing of vegetables and Potatoes in certain pockets of the Nilgiris district was in progress.

The condition of the standing crops was fair in all the districts of the State except in certain parts of South Arcot, Salem, Dharmapuri, Coimbatore, Ramanathapuram, Tirunelveli and Kanyakumari districts due to inadequate rains and irrigation facilities. Due to inadequate rain the manavari groundnut crops in Gingee Taluk of South Arcot was withering. Standing crops in certain parts of Coimbatore district started withering for want of water. Crops raised in Mudukulathur taluk of Ramanathapuram district were withering for want of rains. More rains were needed to save the standing crops. In some parts of Ambasamudram taluk of Tirunelveli district standing crops were withering for want of rains.

Attack of red-hairy cater pillar "Surul Poochi" on groundnut crop were noticed in certain parts of Tindivanam taluk of South Arcot. "Bundry Top" disease to Banana plantation in Kodaikanal taluk of Madurai district were noticed. Necessary remedial measures were reported to have been taken by the Agricultural Department to control the diseases.

Harvest of Soreavari paddy and ragi was in progress in certain parts of North Arcot district. Harvest of groundnut crop had commenced in Chengam and Polur taluks of North Arcot district. Harvest of groundnut crop was reported in certain parts of Salem district and the yield was expected to be poor. Harvest of groundnut, cholam and ragi crops was reported in certain parts of Coimbatore and Pudukkottai districts. Harvest of Kuruvai paddy had commenced in Thanjavur district.

#### SUMMARY OF FORECAST REPORTS ON CERTAIN CROPS

Name of the crop.	Name of the report.	Area.		Percentage variation of current Year's crops as compared with previous years crops.
		Of current Year's crop.	Of previous years' crop.	
Potato	.. .. .. .. Second and final forecast report, 1976-77.	13,030	15,830	-17.7
Groundnut	.. .. .. .. Additional forecast report, 1976-77.	925,000	934,710	-1.0
Cotton	.. .. .. .. Additional forecast report, 1976-77	237,750	261,200	-9.0
Turmeric	.. .. .. .. Adhoc estimate, 1976-77	9,010	9,400	-4.1
Gingelly	.. .. .. .. First forecast report, 1977-78..	40,220	39,050	+3.9
Groundnut	.. .. .. .. Do.	326,000	319,200	+2.1
Sugarcane	.. .. .. .. Do.	44,300	43,650	+1.5
Mesta	.. .. .. .. Do.	100	90	+11.1
Cotton	.. .. .. .. Do.	40,410	37,400	+8.0

## SUMMARY OF FORECAST REPORTS ON CERTAIN CROPS -cont.

Name of the crop.	Production.			Percentage variation of current year's production as compared with the previous year's crop.	Remarks.
	Of current year's crop.	Of previous year's crop.	(6)		
		(7)	(8)		(9)
(IN TONNES.)					
Potato	..	..	136,390	196,920	-30.7 ..
Groundnut	..	..	828,700	1,053,410	-21.3 Production in terms of unshelled nuts.
Cotton	..	..	309,190	385,730	-19.8 Production in bales of 170 kg. lint.
Turmeric	..	..	32,560	35,120	-7.3 ..
Gingelly	..	..	..	..	.. Production not estimated.
Groundnut	..	..	562,950	547,020	+2.9 Production in terms of unshelled nuts.
Sugarcane	..	..	..	..	.. Production not estimated.
Mesta	..	..	440	400	+10.0 Production in bales of 180 kg. dry fibre.
Cotton	..	..	..	..	.. Production not estimated.

## V. INDUSTRIES.

## ANNUAL SURVEY OF INDUSTRIES.

The Annual Survey of Industries is conducted under the collection of Statistics Act of 1953. The factories registered under Section 2(m) (i) and 2(m) (ii) of the Factories Act, 1948, are covered by the Annual Survey of Industries. The Survey is conducted in two parts, viz. Census and Non-Census. Under the Census Sector, all factories using power and employing 50 or more workers and employing 100 or more workers, not using power are covered. The Non-census Sector comprises of all factories, employing 10 to 49 workers and using power and employing 20 to 99 workers without the aid of power.

The survey excludes from its purview, the units engaged in Defence production, storage and distribution of oil, restaurants and services, Technical Training Institutions not producing anything for sale or exchange ; for reasons of security or for their non-manufacturing activity.

The latest consolidated result, available, relates to the Annual Survey of Industries for 1974-75 (Provisional).

The Annual Survey of Industries, 1974-75 has covered 6,664 factories as against 6,458 factories during 1973-74. The productive capital, invested in various manufacturing industries during the year 1974-75, is Rs. 1,583.10 crores, showing an increase of 9.8 percent over the corresponding productive capital for 1973-74.

The number of employees during 1973-74 increased by 6.5 per cent over 1973-74. The salaries and wages paid to employees also increased by 26.7 per cent over 1973-74. The value of output and the value, added by manufacturing, during 1974-75, showed an increase of 42.1 and 31.1 respectively, over 1973-74.

In short, there was a general progress and considerable improvement in the Industrial sector of the economy in Tamil Nadu during 1974-75.

## RESULTS OF ANNUAL SURVEY OF INDUSTRIES, 1974-75—FACTORY SECTOR.

Major Group (N.I.C. 1970).	Units.	(Provisional)		
		Fixed capital.	Working capital.	Productive capital.
(1)	(2)	(3)	(4)	(5)
(RUPEES IN LAKHS.)				
<b>1 Major Group 20-21—</b>				
Manufacture of Food Products	.. ..	1,862	5,703	3,561
				9,264
<b>2 Major Group : 22—</b>				
Manufacture of Beverages, Tobacco and Tobacco Products.		112	457	135
				592
<b>3 Major Group : 23—</b>				
Manufacture of Cotton Textiles	.. ..	713	7,970	11,802
				19,772
<b>4 Major Group : 24 and 25—</b>				
Manufacture of Wool, Silk and Synthetic Fibre Textiles and manufacture of Jute, Hemp and Mesta Textiles.		190	1,234	775
				2,009
<b>5 Major Group : 26—</b>				
Manufacture of textile products, including wearing apparel other than foot-wear.		283	263	440
				703
<b>6 Major Group : 27—</b>				
Manufacture of Wood and Wood products, furniture and fixtures.		151	104	289
				393
<b>7 Major Group : 28—</b>				
Manufacture of Paper and Paper products and printing, publishing and allied industries.		582	3,205	1,619
				4,824
<b>8 Major Group : 29—</b>				
Manufacture of Leather and Leather Products.		295	782	690
				1,472
<b>9 Major Group : 30—</b>				
Manufacture of rubber, plastic, petroleum and coal products.		160	5,840	3,299
				9,139
<b>10 Major Group : 31—</b>				
Manufacture of Chemicals and Chemical products.		417	9,884	8,944
				18,828
<b>11 Major Group : 32—</b>				
Manufacture of non-metallic mineral products		140	3,588	1,245
				4,833
<b>12 Major Group : 33—</b>				
Basic Metal and alloys industries	.. ..	313	3,424	1,938
				5,362
<b>13 Major Group : 34—</b>				
Manufacture of Metal products and parts except machinery and transport equipments.		255	670	2,283
				2,953
<b>14 Major Group : 35—</b>				
Manufacture of machinery, machine tools and parts, except electrical machinery.		380	5,576	6,982
				12,558
<b>15 Major Group : 36—</b>				
Manufacture of Electrical Machinery Apparatus, Appliances and Supplies and parts.		178	1,606	1,738
				3,344
<b>16 Major Group : 37—</b>				
Manufacture of Transport equipment and parts.		146	5,054	7,458
				12,512

## RESULTS OF ANNUAL SURVEY OF INDUSTRIES, 1974-75—FACTORY SECTOR—cont.

(Provisional)

Major Group (N.I.C. 1970).	(1)	Units.	Fixed capital.	Working capital.	Productive
			(2)	(3)	capital.
			(RUPEES IN LAKHS.)		
17 Major Group : 38—					
Other Manufacturing Industries	..	..	57	624	309
18 Major Group : 40—					
Electricity	..	..	28	43,017	4,048
19 Major Group : 41—					
Gas and Steam	..	..	4	6	10
20 Major Group : 42—					
Water works and supply	..	..	7	107	..
21 Major Group : 91—					
Sanitary Services	..	..	15	7	10
22 Major Group : 95—					
Recreational and cultural services	..	..	24	150	(—)27
23 Major Group : 96—					
Personal Services	..	..	16	15	..
24 Major Group : 97—					
Repair Services	..	..	336	743	731
	All Groups	..	66,644	1,00,029	58,281
					1,58,310

## RESULTS OF ANNUAL SURVEY OF INDUSTRIES, 1974-75—FACTORY SECTOR—cont.

(Provisional)

Major Group (N.I.C. 1970).	(1)	Workers.	Wages.	Employees.	Emoluments.
		(6)	(7)	(8)	(9)
		(NUMBERS.)	(RUPEES IN LAKHS.)	(NUMBERS.)	(RUPEES IN LAKHS.)
1 Major Group : 20-21—					
Manufacture of Food Products	..	..	76,665	925	90,504
2 Major Group : 22—					
Manufacture of Beverages, Tobacco and Tobacco Products.		3,306	57	4,321	169
3 Major Group : 23—					
Manufacture of Cotton Textiles	..	..	1,11,022	4,880	1,23,47
4 Major Group : 24 and 25—					
Manufacture of Wool, Silk and Synthetic Fibre Textiles and manufacture of Jute, Hemp and Mesta Textiles.		7,991	311	8,956	439
5 Major Group : 26—					
Manufacture of textile products, including wearing apparel other than root-wear.		7,879	119	8,985	162
6 Major Group : 27—					
Manufacture of Wood and Wood products, furniture and fixtures.		4,018	66	9,542	94
7 Major Group : 28—					
Manufacture of Paper and Paper products and printing, publishing and allied industries.		20,698	744	25,927	115

## RESULTS OF ANNUAL OF INDUSTRIES, 1974-75—FACTORY SECTOR—cont. (Provisional)

Major Group (N.I.C. 1970).	Workers.	Wages.	Employees.	Emoluments.)
	(6) (NUMBERS)	(7) (RUPEES IN LAKHS).	(8) (NUMBERS)	(9) (RUPEES IN LAKHS).
<b>8 Major Group : 29—</b>				
Manufacture of Leather and Leather products.	11,953	289	13,739	402
<b>9 Major Group : 30—</b>				
Manufacture of rubber, plastic, petroleum and coal products.	9,961	540	13,010	1,079
<b>10 Major Group : 31—</b>				
Manufacture of Chemicals and Chemical products.	37,108	1,052	43,576	1,826
<b>11 Major Group : 32—</b>				
Manufacture of non-metallic mineral products	13,854	492	17,403	827
<b>12 Major Group : 33—</b>				
Basic Metal and alloys industries .. ..	17,965	625	23,025	1,040
<b>13 Major Group : 34—</b>				
Manufacture of Metal products and parts except machinery and transport equipments.	9,221	350	11,525	551
<b>14 Major Group : 35—</b>				
Manufacture of machinery, machine tools and parts, except electrical machinery.	27,122	1,390	38,412	2,707
<b>15 Major Group : 36—</b>				
Manufacture of Electrical Machinery Apparatus, Appliances and Supplies and parts.	13,698	622	17,710	1,094
<b>16 Major Group : 37—</b>				
Manufacture of Transport equipment and parts	42,360	2,507	56,178	3,930
<b>17 Major Group : 38—</b>				
Other Manufacturing Industries .. ..	3,422	101	4,593	206
<b>18 Major Group : 40—</b>				
Electricity .. .. .. ..	51,615	2,133	69,092	2,901
<b>19 Major Group : 41—</b>				
Gas and Steam .. .. .. ..	68	3	92	6
<b>20 Major Group : 42—</b>				
Water works and supply .. .. ..	185	6	244	9
<b>21 Major Group : 91—</b>				
Sanitary Services .. .. .. ..	237	9	288	12
<b>22 Major Group : 95—</b>				
Recreational and cultural services .. ..	1,605	41	1,970	67
<b>23 Major Group : 96—</b>				
Personal Services .. .. .. ..	362	8	376	10
<b>24 Major Group : 97—</b>				
Repair Services .. .. .. ..	14,884	587	19,435	925
<b>All Groups .. .. ..</b>	<b>4,87,199</b>	<b>17,857</b>	<b>6,02,459</b>	<b>27,618</b>

## RESULTS OF ANNUAL SURVEY OF INDUSTRIES, 1974-75—FACTORY SECTOR—cont.

Major Group (N.I.C. 1970).	Output.	Input.	Provisional.		
			Depreciation.	Value added.	
			(10)	(11)	(12)
(RUPETS IN LAKHS.)					
<b>1 Major Group : 20-21—</b>					
Manufacture of Food Products	.. ..	33,293	29,424	597	3,272
<b>2 Major Group : 22—</b>					
Manufacture of Beverages, Tobacco and Tobacco Products.		1,661	1,409	41	211
<b>3 Major Group : 23—</b>					
Manufacture of Cotton Textiles	.. ..	46,317	35,827	1,209	9,231
<b>4 Major Group : 24 and 25—</b>					
Manufacture of Wool, Silk and Synthetic Fibre Textiles and manufacture of Jute, Hemp and Mesta Textiles.		4,664	3,698	140	826
<b>5 Major Group : 26—</b>					
Manufacture of textile products, including wearing apparel other than foot-wear.		2,460	2,145	29	286
<b>6 Major Group : 27—</b>					
Manufacture of Wood and Wood products, furniture and fixtures.		638	453	8	177
<b>7 Major Group : 28—</b>					
Manufacture of Paper and Paper products and printing, publishing and allied industries.		8,827	5,723	389	2,715
<b>8 Major Group : 29—</b>					
Manufacture of Leather and Leather products		10,826	9,846	86	394
<b>9 Major Group : 30—</b>					
Manufacture of rubber, plastic, petroleum and coal products.		27,474	21,294	801	5,379
<b>10 Major Group : 31—</b>					
Manufacture of Chemicals and Chemical Products.		26,266	19,298	1,413	5,553
<b>11 Major Group : 32—</b>					
Manufacture of non-metallic mineral products		7,681	5,895	362	1,424
<b>12 Major Group : 33—</b>					
Basic Metal and alloys industries	.. ..	10,532	8,163	319	2,050
<b>13 Major Group : 34—</b>					
Manufacture of Metal products and parts except machinery and transport equipments.		4,976	3,648	114	1,214

## RESULTS OF ANNUAL OF INDUSTRIES, 1974-75—FACTORY SECTOR—con

Major Group (N.I.C. 1970).	Output. (10)	Input. (11)	Provisional.		Value added. (13)
			Depreciation. (12)	Value added. (13)	
(RUPEES IN LAKKS.)					
14 Major Group : 35—					
Manufacture of machinery, machine tools and Parts, except electrical machinery.	25,380	16,169	802	8,409	
15 Major Group : 36—					
Manufacture of Electrical Machinery Apparatus, Appliances and Supplies and parts.	7,932	5,434	193	2,305	
16 Major Group : 37—					
Manufacture of Transport equipment and parts	22,761	15,442	669	7,050	
17 Major Group : 38—					
Other Manufacturing industries .. ..	827	556	47	224	
18 Major Group : 40—					
Electricity .. .. .. ..	12,760	6,887	1,616	4,257	
19 Major Group : 41—					
Gas and Steam .. .. .. ..	69	84	1	(—)16	
20 Major Group : 42—					
Water works and Supply .. .. ..	74	58	6	10	
21 Major Group : 91—					
Sanitary Services .. .. .. ..	22	15	1	6	
22 Major Group : 95—					
Recreational and cultural Services .. ..	255	141	14	100	
23 Major Group : 96—					
Personal Services .. .. .. ..	29	18	1	10	
24 Major Group : 97—					
Repair Services .. .. .. ..	4,099	3,148	61	890	
All Groups .. ..	<u>2,59,823</u>	<u>1,94,375</u>	<u>8,919</u>	<u>56,529</u>	

## INDUSTRIAL PRODUCTION.

Industrial Production suffered a set back in Tamil Nadu during the Quarter ended June 1977 as the average general Index (Base 1970=100) fell to 141.2 recording a decrease of 13.0 points or 8.4 per cent.

Significant decreases in production were observed in respect of Sugar—Refined (55.5 per cent, Superior kerosene (21.7 per cent, Earth Moving Machinery 25.3 per cent,) High Pressure Boilers and Fitings (36.0 per cent), Textile Machinery-Frames (29.3 per cent), Dry Cells (27.9 per cent) and Motor Vehicle chassis (21.1 percent).

Sizeable increases output were noticed in respect of Gypsum (72.2 per cent), Refined Oil (196.3 per cent), Tea Processed (60.7 per cent), Printing Paper (22.2 per cent), Asbestos Cement Products (31.9 per cent), Coated Abrasives (21.4 per cent), Transformers (44.1 per cent), Railway Wagons (46.7 per cent) and Bicycles (98.4 per cent).

Statements showing the index numbers and production of selected items of products are appended.

INDUSTRIAL PRODUCTION BY PRODUCTS—(Provisional figures)

Serial number and name of product.	Unit.	Production during.			Total.
		January 1977.	February 1977.	March 1977.	
(1)	(2)	(3)	(4)	(5)	(6)
<b>MINING.</b>					
1 Lignite .. .. .. ..	Tonne	3,75,059	3,50,447	3,83,411	11,08,917
2 Bauxite .. .. .. ..	„	6,437	5,841	5,350	17,628
3 Limestone .. .. .. ..	„	3,50,698	3,23,513	3,73,804	104,80,15
4 Magnesite .. .. .. ..	„	27,112	23,064	26,387	76,563
5 Gypsum .. .. .. ..	„	3,175	5,231	3,495	11,891
<b>MANUFACTURING.</b>					
6 Sugar (Refined) .. .. .. ..	„	43,800	55,287	63,104	1,62,191
7 Hydrogenated Oil .. .. .. ..	„	630	653	646	1,929
8 Refined Oil .. .. .. ..	„	101	142	55	298
9 Tea (Processed) .. .. .. ..	„	4,526	3,655	6,068	14,249
10 Coffee (Cured) .. .. .. ..	„	816	1,053	1,012	2,881
11 Cotton yarn .. .. .. ..	„	13,967	13,073	14,926	41,966
12 Cotton woven piece goods .. .. .. ..	000' metres	14,849	9,450	14,452	38,751
13 Printing Paper .. .. .. ..	Tonne	1,424	1,686	2,235	5,345
14 Tyres (all types) .. .. .. ..	Nos.	4,73,975	6,63,301	7,36,525	18,73,801
15 Tubes (all types) .. .. .. ..	Nos.	4,02,234	4,36,194	6,61,807	15,00,235
16 Superior Kerosene .. .. .. ..	Tonne	31,277	24,051	17,595	72,923
17 High Specel diesel oil .. .. .. ..	„	57,780	43,791	33,561	1,35,132
18 Ammonia .. .. .. ..	„	38,644	17,706	37,920	94,270
19 Caustic Soda .. .. .. ..	„	5,918	5,775	5,696	17,389
20 Urea .. .. .. ..	Tonne	69,625	32,136	64,097	1,65,858
21 Super phosphate .. .. .. ..	„	11,304	10,003	11,085	32,392
22 Mixed Fertilizer .. .. .. ..	„	40,123	37,841	43,856	1,21,820
23 Pesticides .. .. .. ..	„	1,084	1,025	1,232	3,341
24 Paints and Enamels .. .. .. ..	Kg.	2,21,069	2,96,279	3,65,922	8,83,270
25 Varnishes .. .. .. ..	Litres	26,387	39,672	34,661	1,00,720
26 Safety Matches .. .. .. ..	Gross boxes	49,27,095	46,03,143	53,53,329	1,48,83,567
27 Refractories .. .. .. ..	Tonne	13,792	12,632	13,383	39,807
28 Cement .. .. .. ..	„	2,67,519	2,48,072	2,48,018	7,63,509
29 Asbestos Cement Product .. .. .. ..	Tonne	3,451	3,909	6,345	13,705

## INDUSTRIAL PRODUCTION BY PRODUCTS.—cont.

Serial number and name of the products.	Unit.	Production during.				Total.
		January 1977.	February 1977.	March 1977.	(6)	
(1)	(2)	(3)	(4)	(5)	(6)	
MANUFACTURING—cont.						
30 Coated Abrasives .. ..	Reams	3,934	7,427	7,759		19,120
31 Bonded Abrasives .. ..	Tonne	314	300	300		914
32 Iron and Steel (Metal) .. ..	„	9,221	9,895	10,749		29,865
33 Castings (Iron and Steel) .. ..	„	6,128	5,248	5,727		17,103
34 Non ferrous (Metal) .. ..	„	1,623	1,528	1,815		4,966
35 Metal containers caps and closures.	„	324	403	584		1,311
36 Tractors .. .. ..	Nos.	477	464	472		1,413
37 Earth Moving Machinery .. ..	„	18	20	45		83
38 High Pressure machinery	Boilers and Fittings.	Tonne	6,749	6,767	6,479	19,995
39 Diesel Engines .. .. ..	Nos.	3,449	3,501	3,964		10,914
40 Frames .. .. ..	„	71	84	101		256
41 Power Driven Pumps .. ..	No.	14,444	14,411	12,542		41,397
42 Typewriters .. .. ..	„	637	894	945		2,476
43 Transformers .. .. ..	KVA.	73,980	52,389	11,757		1,38,126
44 Electric Motors .. .. ..	Nos.	12,305	12,103	10,150		34,558
45 Dry Cells .. .. ..	„	79,49,000	83,65,000	67,26,000		2,30,40,000
46 Railway Coaches .. .. ..	„	45	59	59		163
47 Railway wagons .. .. ..	„	41	41	162		244
48 Completed Motor Vehicles .. ..	„	147	146	182		475
49 Motor Vehicles Chassis .. ..	„	771	1,136	806		2,713
50 Body Building .. .. ..	„	81	112	148		341
51 Motor Cycles .. .. ..	„	1,144	1,000	1,375		3,519
52 Bicycles .. .. ..	„	4,456	5,016	37,649		47,121
53 Synthetic Gem Stones .. ..	Kg.	1,276	1,275	1,334		3,885
54 Electricity Generated*	.. ..	Million Kwtt.	687.290	614.244	728.490	2030.024

\* Electricity generated includes Power generated by Neyveli Lignite Corporation Limited.

## INDUSTRIAL PRODUCTION BY PRODUCTS—cont.

Serial number and name of the product.	Unit.				Total.	Percentage increase (+) or decrease (—) over previous quarter.
		April, 1977.	May 1977.	June 1977.		
(1)	(2)	(7)	(8)	(9)	(10)	(11)
<b>MINING—cont.</b>						
1 Lignite .. .. .. ..	Tonne	3,41,772	2,80,749	3,32,499	9,55,020	(—) 13·9
2 Bauxite .. .. .. ..	“	5,774	4,678	4,050	14,502	(—) 17·7
3 Limestone .. .. .. ..	“	3,57,414	3,48,900	3,92,119	10,98,433	(+) 4·8
4 Magnesite .. .. .. ..	“	26,946	28,247	28,148	83,341	(+) 8·8
5 Gypsum .. .. .. ..	“	5,304	5,337	9,836	20,477	(+) 72·2
<b>MANUFACTURING.</b>						
6 Sugar (Refined) .. .. .. ..	“	47,493	20,920	5,322	73,735	(—) 55·5
7 Hydrogenated Oil .. .. .. ..	“	629	670	693	1,992	(+) 3·3
8 Refined Oil .. .. .. ..	“	341	333	209	883	(+) 196·3
9 Tea (Processed) .. .. .. ..	“	7,839	7,966	7,100	22,905	(+) 60·7
10 Coffee (Cured) .. .. .. ..	“	844	764	772	2,380	(—) 17·4
11 Cotton yarn .. .. .. ..	“	13,982	13,367	14,585	41,934	(—) 0·1
12 Cotton woven piece goods .. .. .. ..	‘000’ metres	14,329	14,250	13,664	42,243	(+) 9·0
13 Printing Paper .. .. .. ..	Tonne	2,120	2,354	2,055	6,529	(+) 22·2
14 Tyres (all types) .. .. .. ..	Nos.	5,77,045	6,27,694	6,10,847	18,15,586	(—) 3·1
15 Tubes (all types) .. .. .. ..	“	4,71,748	4,41,372	4,47,007	13,60,127	(—) 9·3
16 Superior Kerosene .. .. .. ..	Tonne	11,482	23,819	22,065	57,366	(—) 21·7
17 High Speed diesel Oil .. .. .. ..	“	9,164	67,161	59,609	1,35,934	(+) 0·6
18 Ammonia .. .. .. ..	“	36,457	16,008	39,406	91,871	(—) 2·5
19 Caustic Soda .. .. .. ..	“	5,164	4,463	5,633	15,260	(—) 12·2
20 Urea .. .. .. ..	Tonne	60,069	19,620	59,600	1,39,289	(—) 16·0
21 Super phosphate .. .. .. ..	“	6,173	11,637	14,849	32,659	(+) 0·8
22 Mixed Fertilizer .. .. .. ..	“	36,611	38,230	57,251	1,32,092	(+) 8·4
23 Pesticides .. .. .. ..	“	1,060	1,219	1,320	3,599	(+) 7·7
24 Paints and Enamels .. .. .. ..	Kg.	1,96,176	3,75,167	2,98,860	8,70,203	(—) 1·5
25 Varnishes .. .. .. ..	Litre	19,317	36,697	25,217	81,231	(—) 19·7
26 Safety Matches .. .. .. ..	Gross boxes	52,20,836	52,49,488	58,58,431	1,63,28,755	(+) 9·7
27 Refractories .. .. .. ..	Tonne	12,903	11,538	11,259	35,700	(—) 10·3
28 Cement .. .. .. ..	“	2,44,189	2,77,096	2,89,137	8,10,422	(+) 6·1
29 Asbestos Cement Products .. .. .. ..	Tonne	6,020	5,855	6,201	18,076	(+) 31·9
30 Coated Abrasives .. .. .. ..	Reams	7,759	8,009	7,438	23,206	(+) 21·4
31 Bonded Abrasives .. .. .. ..	Tonne	300	300	300	900	(+) 1·6
32 Iron and Steel (Metal) .. .. .. ..	“	9,258	7,987	8,599	25,844	(—) 13·5
33 Castings (Iron and Steel) .. .. .. ..	“	4,870	5,066	4,999	14,935	(—) 12·7
34 Non ferrous (Metal) .. .. .. ..	“	1,559	1,248	1,348	4,155	(—) 16·7

## INDUSTRIAL PRODUCTION BY PRODUCTS -cont.

Provisional figures.

Serial number and name of the product.	Unit.	Production during.			Total.	Percentage increase (+) or decrease (-) over previous quarter.
		April 1977.	May 1977.	June 1977.		
(1)	(2)	(7)	(8)	(9)	(10)	(11)
<b>MANUFACTURING -cont.</b>						
						(PERCENT.)
35 Metal containers caps and closures.	"	484	530..	481	1,495	(+) 14.0
36 Tractors .. .. ..	No.	501	305	560	1,366	(-) 3.3
37 Earth Moving Machinery ..	"	29	23	10	62	(-) 25.3
38 High Pressure machinery Boilers and Fittings.	Tonne	2,955	4,140	5,709	12,804	(-) 36.0
39 Diesel Engines .. .. ..	No.	3,574	3,644	3,345	10,563	(-) 3.2
40 Frames .. .. .. ..	"	68	94	19	181	(-) 29.3
41 Power Driven Pumps .. ..	No.	12,512	13,507	11,947	37,966	(-) 8.3
42 Typewriters .. .. ..	"	678	746	704	2,128	(-) 14.1
43 Transformers .. .. ..	KVA	90,119	22,103	86,818	1,99,040	(+) 44.1
44 Electric Motors .. .. ..	No.	10,239	10,778	9,202	30,219	(-) 12.6
45 Dry Cells .. .. .. ..	"	53,26,000	53,70,000	59,11,000	1,66,07,000	(-) 27.9
46 Railway Coaches .. .. ..	"	40	54	54	148	(-) 9.2
47 Railway wagans .. .. ..	"	162	162	34	358	(+) 46.7
48 Completed Motor Vehicles .. .. ..	"	113	142	160	415	(-) 12.6
49 Motor Vehicles Chassis .. .. ..	"	611	583	947	2,141	(-) 21.1
50 Body Building .. .. ..	"	97	126	131	354	(+) 3.8
51 Motor Cycles .. .. ..	"	1,265	1,139	1,228	3,632	(+) 3.2
52 Bicycles .. .. .. ..	"	29,215	31,389	32,870	93,474	(+) 98.4
53 Synthetic Gem stones .. ..	Kg.	1,155	1,037	1,366	3,558	(-) 8.4
54 Electricity Generated *	Million Kwtt.	600.040	579.113	607.813	1786.966	(-) 12.0

\* Electricity generated includes Power generated by Neyveli Lignite Corporation Limited.

## INDEX NUMBER OF INDUSTRIAL PRODUCTION, 1970—100

Serial number.	Code number.	Product.	Index number for the month.			Average for the quarter ended March 1977.
			January 1977.	February 1977.	March 1977.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>I MINING.</b>						
1	101	Lignite .. .. .. .. .. .. ..	127.0	118.6	129.8	125.1
2	123	Bauxite .. .. .. .. .. .. ..	91.1	82.7	75.7	83.2
3	190	Stone quarrying clay and pits .. .. .. ..	114.8	104.5	116.4	111.9
4	193	Precious and Semi precious Stone .. .. .. ..	..	..	..	..
5	194	Mica (Crude) .. .. .. .. ..	42.9	28.6	28.6	33.4
6	195	Gypsum .. .. .. .. .. ..	40.0	65.9	43.9	49.9
<b>II. MANUFACTURING.</b>						
7	201	Manufacture of dairy products .. .. ..	263.3	243.7	236.7	247.9
8	204	Grain Mill products .. .. ..	95.5	86.0	97.5	93.0
9	205	Manufacture of Bakery Products .. .. ..	141.7	137.6	157.7	145.7
10	206	Sugar (Refined) .. .. ..	178.7	264.5	233.9	225.7
11	207	Production of indigenous sugar .. .. ..	194.7	234.5	249.2	226.1
12	208	Salt .. .. .. .. ..	2.9	20.9	74.2	32.7
13	209	Manufacture of Cocoa, Chocolate Sugar confectionery.	54.7	62.9	62.9	59.9
14	210	Vanaspathy .. .. .. .. ..	45.2	46.9	46.4	46.2
15	211	Refined Oil .. .. .. .. ..	11.1	15.7	6.1	11.0
16	212	Tea (Processed) .. .. .. ..	116.7	116.7	82.0	105.1
17	213	Coffee (Cured) .. .. .. ..	141.2	182.2	175.1	166.2
18	216	Prepared Animal Feeds .. .. ..	182.7	239.4	222.8	215.0
19	220	Distilling, Rectifying and blending of spirits ..	85.0	45.3	49.2	59.8

## INDEX NUMBER OF INDUSTRIAL PRODUCTION—CONT.

1970 = 100

Serial number.	Code number.	Product.	Index number for the month.			Average for the quarter ended June 1977.
			April 1977.	May 1977.	June 1977.	
(1)	(2)	(3)	(8)	(9)	(10)	(11)
<b>I. MINING.</b>						
1	101	Lignite .. .. .. .. .. ..	115.7	95.0	112.6	107.8
2	123	Bauxite .. .. .. .. .. ..	81.7	66.2	57.3	68.4
3	190	Stone quarrying clay and pits .. .. ..	116.4	114.8	125.5	118.9
4	193	Precious and Semi precious Stone .. .. ..	..	..	..	..
5	194	Mica (Crude) .. .. .. ..	14.3	28.6	14.3	19.1
6	195	Gypsum .. .. .. .. ..	66.8	67.2	123.9	86.0

## INDEX NUMBER OF INDUSTRIAL PRODUCTION—1970—100

Serial number.	Code number.	Products.	Index Number for the Month.			Average for the quarter ended June 1977.
			April 1977.	May 1977.	June 1977.	
(1)	(2)	(3)	(8)	(9)	(10)	(11)
II. MANUFACTURING.						
7	201	Manufacture of dairy products .. .. ..	203.7	210.0	179.3	197.7
8	204	Grain Mill products .. .. ..	104.4	108.9	108.8	107.4
9	205	Manufacture of Bakery Products .. .. ..	136.9	154.9	153.9	147.2
10	206	Sugar (Refined) .. .. ..	173.4	76.4	19.4	89.7
11	207	Production of indigenous sugar .. .. ..	248.5	143.0	27.3	139.6
12	208	Salt .. .. .. .. ..	92.8	74.7	199.3	122.3
13	209	Manufacture of Cocoa, Chocolate, Sugar confectionery.	53.1	59.7	53.1	55.3
14	210	Vanaspathy .. .. .. .. ..	45.1	48.1	49.7	47.6
15	211	Refined Oil .. .. .. .. ..	37.6	36.8	23.1	32.5
16	212	Tea (Processed) .. .. .. ..	175.8	178.6	159.2	171.2
17	213	Coffee (Cured) .. .. .. ..	146.0	132.2	133.6	137.3
18	216	Prepared Animal Feeds .. .. .. ..	206.7	202.1	264.0	224.3
19	220	Distilling, Rectifying and blending of spirits ..	40.2	44.1	155.7	80.0

Serial Number.	Code Number.	Product.	Index Number for the Month.			Average for the quarter ended March 1977.
			January 1977.	February 1977.	March 1977.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
20	224	Soft Drinks and Carbonated Water .. ..	44.0	45.1	64.1	51.1
21	228	Manufacture of chewing tobacco, Jerda and snuff ..	114.5	108.3	126.3	116.4
22	231	Cotton spinning, weaving and finishing of Cotton textiles in mills.	95.7	86.6	101.4	94.6
23	247	Spinning, weaving and finishing of other textiles ..	90.4	82.0	199.6	124.0
24	280	Manufacture of pulp, paper and paper Board including Newsprint.	99.0	112.1	117.1	109.4
25	300	Tyre and Tube Industries .. .. .. ..	116.5	152.8	184.1	151.1
26	302	Manufacture of Rubber products n.e.c. .. ..	65.1	75.3	85.9	75.4
27	303	Manufacture of plastic products n.e.c. (except house furnishing).	116.6	145.0	117.3	126.3
28	304	Petroleum Refineries .. .. .. ..	135.2	115.8	99.2	116.7
29	310	Manufacture of basic industrial Organic and inorganic chemical and gases.	337.9	208.1	312.5	286.2
30	311	Manufacture of fertilizers and pesticides .. ..	463.7	323.3	464.9	417.3
31	312	Manufacture of paints, Varnishes and lacquers ..	67.2	97.7	108.9	91.3
32	313	Manufacture of drugs and Medicines .. ..	300.9	292.8	307.6	300.4
33	314	Manufacture of perfumes Cosmetics soap in any form etc. Manufacture of Turpentine, Synthetic resin and plastic materials.	135.2	113.3	170.0	139.5
34			367.6	155.2	157.3	226.7

## INDEX NUMBER OF INDUSTRIAL PRODUCTION—cont.

1970—100

Serial Number.	Code Number.	Product.	Index Number for the Month			Average for the quarter ended March 1977.
			January 1977.	February 1977.	March 1977.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
35	317	Safety Matches .. .. .. .. ..	161.0	148.3	148.3	152.5
36	318	Manufacture of explosives and ammunition and fire works.	50.5	72.4	90.5	71.1
37	319	Manufacture of chemical Products n.e.c. .. ..	300.1	314.1	319.3	311.2
38	320	Manufacture of structural clay products .. ..	116.5	107.0	113.3	112.3
39	321	Manufacture of glass and glass products .. ..	654.5	560.6	385.9	533.7
40	323	Manufacture of Earthen ware and Porcelain ware	202.3	172.2	203.2	192.6
41	324	Manufacture of cement, lime and plaster .. ..	132.4	124.4	124.4	127.7
42	326	Manufacture of structural, stone goods, stone ware, stone dressing and stone crushing.	115.8	108.6	145.7	123.4
43	328	Manufacture of Asbestos cement and other cement products.	75.6	85.6	138.9	100.0
44	329	Manufacture of miscellaneous non-metal mineral products.	114.7	130.5	127.1	124.1
45	330	Iron and steel Industries .. .. .. ..	143.2	159.2	179.1	160.5
46	331	Foundries for casting and forging iron and steel.	159.1	150.2	181.4	163.6
47	339	Other non-ferrous-metal Industries .. .. ..	106.1	102.1	124.7	111.0
48	340	Manufacture of fabricated metal products .. ..	74.5	126.1	151.9	117.5
49	343	Manufacture of hand tools and general hardware ..	293.4	252.8	300.7	282.3
50	344	Enamel sign boards and other enamel products ..	110.00	200.00	200.0	170.0
51	345	Manufacture of metal utensils cutlery and kitchen-ware.	49.2	52.3	52.3	51.3
52	349	Manufacture of metal products except machineries and transport.	58.4	131.2	121.2	103.6
53	350	Manufacture of Agricultural Machinery .. ..	231.7	224.1	232.1	229.3
54	351	Manufacture and repair of heavy machinery and equipment used by construction and mining industries.	58.1	64.9	139.3	87.4
55	352	Manufacture of prime movers, boilers and steam generating plants such as diesel engines and parts.	346.0	347.4	339.2	344.4
56	353	Industrial machinery for food textile and Industries.	134.2	156.6	187.2	159.3
57	355	Manufacture of refrigerators, Air conditioners and Fire fighting equipments and their parts, components and accessories.	Nil.	Nil.	Nil.	Nil
58	356	Manufacture, alteration and repair general items of non-electrical machinery components equipment and accessories n.e.c.	102.2	110.5	99.4	104.0
59	357	Manufacture of machine tools their parts and accessories.	142.0	103.2	125.2	123.5
50	358	Manufacture of office computing and accounting machinery	138.9	122.9	139.3	133.7
51	360	Manufacture of electrical industrial machinery and apparatus and parts.	133.9	128.9	110.2	124.3

## INDEX NUMBER OF INDUSTRIAL PRODUCTION—cont.

Serial Number.	Code Number.	Product.	Index Number for the Month			Average for the quarter ended March 1977.
			January 1977.	February 1977.	March 1977.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
62	361	Manufacture of insulated wires and cables .. ..	49.4	43.7	54.1	49.1
63	362	Manufacture of dry and wet batteries .. ..	84.4	92.2	78.2	84.9
64	363	Manufacture of electrical apparatus, appliances and other parts.	111.1	99.2	89.8	100.0
65	364	Manufacture of radio and television transmitting and receiving sets.	151.3	83.1	178.5	137.6
66	370	Ship building and repairing .. .. ..	58.3	Nil.	Nil.	19.4
67	372	Manufacture of railway wagons and coaches and parts.	82.4	105.2	132.8	106.8
68	374	Manufacture of motor vehicles and parts .. ..	136.4	124.6	162.9	141.3
69	375	Manufacture of Motor Cycles and Scooters and parts	131.8	115.2	158.4	135.1
70	376	Manufacture of bicycles, cycle-rickshaw and parts ..	26.5	27.4	107.8	53.9
71	379	Manufacture of Transport equipment and parts .. n.e.c.	162.8	186.0	186.0	178.3
72	380	Manufacture of Medical, Surgical and scientific equipment.	21.6	30.8	41.1	31.2
73	381	Manufacture of photographic and optical goods.	23.1	23.1	30.8	25.7
74	382	Manufacture of watches and clocks .. ..	234.6	208.4	272.0	238.3
75	387	Manufacture of stationery articles n.e.c. .. ..	33.9	37.2	53.9	41.7
76	389	Manufacture of miscellaneous products n.e.c. ..	68.9	68.8	72.0	69.9
		III. ELECTRICITY.				
77	400	Electricity Generated .. .. .. ..	154.2	137.8	163.5	151.8
		General Index .. .. .. ..	143.2	136.8	154.2	144.7

Serial Number.	Code Number.	Product.	April 1977.	May 1977.	June 1977.	Average for the quarter ended
						June 1977.
(1)	(2)	(3)	(8)	(9)	(10)	(11)
20	224	Soft Drinks and Carbonated Water..	78.7	85.5	70.0	78.1
21	228	Manufacture of chewing tobacco, Jerda and snuff	128.2	138.2	134.6	133.7
22	231	Cotton spinning, weaving and finishing of Cotton textiles in mills.	95.5	91.7	98.7	95.3
23	247	Spinning, weaving and finishing of other textiles	130.8	116.9	204.6	150.8
24	280	Manufacture of pulp paper and paper Board including Newsprint.	130.9	126.3	133.2	130.9
25	300	Tyre and Tube Industries .. .. .. ..	140.4	146.9	144.4	143.9
26	302	Manufacture of Rubber products n.e.c. .. ..	84.3	88.0	91.6	88.0
27	303	Manufacture of plastic products n.e.c. (except house furnishing).	129.1	159.9	165.5	151.5
28	304	Petroleum Refineries .. .. .. ..	27.2	150.9	138.3	105.5
29	310	Manufacture of basic industrial Organic and inorganic chemical and gases.	312.7	168.7	329.8	270.4
30	311	Manufacture of fertilizers and pesticides .. ..	405.8	286.5	524.8	405.7
31	312	Manufacture of paints, varnishes and lacquers ..	64.2	103.8	92.8	86.9
32	313	Manufacture of drugs and Medicines .. ..	524.5	301.3	289.0	371.8
33	314	Manufacture of perfumes Cosmetics soap in any form, etc.	154.5	162.4	182.2	166.4
34	316	Manufacture of Turpentine, Synthetic resin and plastic materials, etc.	143.8	146.4	138.4	142.9

## INDEX NUMBER OF INDUSTRIAL PRODUCTION--1970 = 100

<i>Serial Number.</i>	<i>Code Number.</i>	<i>Product.</i>	<i>April 1977.</i>	<i>May 1977.</i>	<i>June 1977.</i>	<i>Average for the quarter ended June 1977.</i>
(1)	(2)	(3)	(8)	(9)	(10)	(11)
35	317	Safety Matches .. .. .. .. ..	168.2	169.1	188.7	175.3
36	318	Manufacture of explosives and ammunition and fire works.	113.6	167.5	164.3	148.5
37	319	Manufacture of chemical Products n.e.c. .. ..	309.3	244.1	255.6	269.7
38	320	Manufacture of structural clay products .. ..	109.1	97.8	94.8	100.6
39	321	Manufacture of glass and glass products .. ..	57.2	64.7	57.7	59.9
40	323	Manufacture of Earthen ware and Porcelain ware	197.4	211.3	204.8	204.5
41	324	Manufacture of cement, lime and plaster .. ..	122.5	139.0	145.0	135.5
42	326	Manufacture of structural, stone goods, stone ware, stone dressing and stone crushing.	129.4	130.0	151.8	137.1
43	328	Manufacture of Asbestos cement and other cement products.	131.8	128.2	135.8	131.9
44	329	Manufacture of miscellaneous non-metal mineral products.	107.7	106.3	114.8	109.6
45	330	Iron and steel Industries .. .. .. ..	148.5	136.2	153.6	146.1
46	331	Foundries for casting and forging iron and steel ..	149.0	157.1	164.8	157.6
47	339	Other non-ferrous-metal Industries .. .. ..	110.0	93.1	98.8	100.6
48	340	Manufacture of fabricated metal products .. ..	118.8	155.0	146.9	140.2
49	343	Manufacture of hand tools and general hardware ..	236.9	304.1	303.9	281.6
50	344	Enamel sign boards and other enamel products ..	60.0	70.0	80.0	70.0
51	345	Manufacture of metal utensils cutlery and kitchen-ware.	60.2	55.5	53.9	56.5
52	349	Manufacture of metal products except machinery and transport.	119.3	209.9	133.0	154.1
53	350	Manufacture of Agricultural Machinery .. ..	249.7	156.0	279.4	228.4
54	351	Manufacture and repair of heavy machinery and equipment used by construction and mining industries.	95.1	71.1	34.2	66.8
55	352	Manufacture of prime movers, boilers and steam generating plants such as diesel engines and parts.	176.0	230.4	297.8	234.7
56	353	Industrial machinery for food textile and Industries.	125.6	173.4	39.7	112.9
57	355	Manufacture of refrigerators Air conditioners and Fire fighting equipments and their parts, components and accessories.	Nil.	..	..	..
58	356	Manufacture, alteration and repair general items of non-electrical machinery components equipment and accessories n.e.c.	104.7	121.9	117.4	114.7
59	357	Manufacture of machine tools their parts and accessories.	141.9	155.4	164.5	153.9
60	358	Manufacture of office computing and accounting machinery parts.	144.7	118.0	80.4	114.4
61	360	Manufacture of electrical industrial machinery and apparatus and parts.	156.2	134.4	116.6	150.7

## INDEX NUMBER OF INDUSTRIAL PRODUCTION 1970-100

Serial Number.	Code Number.	Product.	April 1977.	May 1977.	June 1977.	Average for the quarter ended June 1977.
(1)	(2)	(3)	(8)	(9)	(10)	(11)
62	361	Manufacture of insulated wires and cables .. ..	40.0	27.6	26.8	31.5
63	362	Manufacture of dry and wet batteries .. ..	63.1	64.3	68.5	65.3
64	363	Manufacture of electrical apparatus, appliances and other parts.	126.0	52.4	65.6	81.3
65	364	Manufacture of radio and television transmitting and receiving sets.	93.2	112.5	108.5	104.7
66	370	Ship building and repairing .. .. ..	..	..	16.7	5.6
67	372	Manufacture of railway wagons and coaches and parts.	102.0	124.7	95.4	107.4
68	374	Manufacture of motor vehicles and parts .. ..	126.5	126.2	134.2	129.0
69	375	Manufacture of Motor Cycles and Scooters and parts.	145.7	131.2	141.5	139.5
70	376	Manufacture of bicycle, cycle rickshaw and parts ..	91.0	97.6	100.1	96.2
71	379	Manufacture of transport equipment and parts n.e.c.	186.0	123.3	200.0	169.8
72	380	Manufacture of medical, surgical and scientific equipment.	31.3	33.3	39.7	34.8
73	381	Manufacture of photographic and optical goods ..	30.8	..	..	10.3
74	382	Manufacture of watches and clocks .. ..	152.1	209.4	213.2	191.6
75	387	Manufacture of stationery articles n.e.c. .. ..	49.2	48.3	52.2	46.6
76	389	Manufacture of miscellaneous products n.e.c. ..	62.4	56.0	73.8	64.1
III. ELECTRICITY.						
77	400	Electricity Generated .. .. .. ..	134.6	129.9	136.4	133.6
		General Index .. .. .. ..	130.3	129.6	141.2	133.7

## VI HANDLOOM.

## PRODUCTION OF HANDLOOM CLOTH.

The production of handloom cloth in Tamil Nadu during the quarter ended June 1977 has been estimated at 151,161 thousand metres as against the production of 151,776 thousand metres during the previous quarter. As in the previous quarter the production during the quarter under review continues to decrease by 0.41 per cent.

Among the different varieties of handloom cloth produced, sarees alone accounted for 27.33 per cent while dhoties lungies and towels constituted 16.78 per cent, 13.52 per cent and 19.07 per cent respectively. The remaining 23.30 per cent of the production was shared by shirtings, bedspreads, carpets, Gada, etc.

Out of the total production cotton varieties alone constituted 86.88 per cent followed by art silk, mixture and silk at the rate of 6.44 per cent, 5.95 per cent and 0.73 per cent respectively.

Regarding sales the All India Handloom exhibition conducted for 45 days during the quarter has eased the co-operative societies in disposing of their old stocks. As a result the average monthly sales to the total available stock has increased to 39.11 per cent from 32.72 per cent as estimated in the previous quarter.

The variety-wise production of handloom cloth during the quarter ended June 1977 is furnished below :—

	<i>Variety.</i>		<i>Production.</i>
	(1)		(2)
	in '000' metres.		
1. Cotton	..	..	131,324
2. Silk	..	..	1,097
3. Art Silk	..	..	9,741
4. Mixture	..	..	8,999
			151,161
	Total	..	

## PRODUCTION OF HANDLOOM CLOTH.

<i>Variety of cloth.</i>	1976—77.	Quarter	Quarter	Quarter	Quarter	Total	
		ended September 1976.	ended December 1976.	ended March 1977.	ended June 1977.	column (3+4+5+6)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>A. COTTON :</b>							(IN '000 METRES.)
1. Dhoties	.. .. ..	94,801	23,142	23,772	23,094	25,141	95,149
2. Sarees	.. .. ..	1,03,780	24,949	25,550	24,359	23,793	98,651
3. Towels	.. .. ..	97,544	24,526	22,970	23,414	28,825	99,735
4. Handkerchiefs	.. .. ..	7,231	1,700	1,430	1,509	1,351	5,990
5. Lungies	.. .. ..	97,369	23,371	25,144	22,844	19,956	91,315
6. Bedspreads	.. .. ..	36,981	9,112	9,391	9,053	5,734	33,290
7. Angavastrams	.. .. ..	1,706	330	345	516	921	2,112
8. Shirtings	.. .. ..	52,972	12,728	11,124	11,235	12,687	47,774
9. Coatings	.. .. ..	2,205	492	661	429	153	1,735
10. Gada	.. .. ..	15,661	4,927	4,855	3,730	3,559	17,071
11. Carpet	.. .. ..	8,266	3,075	2,393	2,069	2,360	9,898
12. Curtain cloth	.. .. ..	3,960	1,384	1,228	1,091	749	4,452
13. Pillow cover	.. .. ..	3,934	1,445	1,285	959	637	4,326
14. Dhavani	.. .. ..	3,597	677	857	2,007	1,816	5,357
15. Others	.. .. ..	17,354	5,755	5,183	4,783	3,642	19,363
	Total ..	5,47,361	1,37,613	1,36,188	1,31,092	1,31,324	5,36,217
<b>B. SILK :</b>							
1. Dhoties	.. .. ..	236	64	62	63	106	295
2. Sarees	.. .. ..	2,655	666	661	621	824	2,772
3. Angavastrams	.. .. ..	55	15	13	12	16	56
4. Dhavani	.. .. ..	1,149	293	298	257	124	972
5. Others	.. .. ..	215	83	54	62	27	226
	Total ..	4,310	1,121	1,088	1,015	1,097	4,321

## PRODUCTION OF HANDLOOM CLOTH—cont.

Variety of cloth.	1976-77 (1)	1976	Quarter	Quarter	Quarter	Quarter	Quarter	Total
		ended September 1976. (2)	ended December 1976. (3)	ended March 1977. (4)	ended June 1977. (5)	(6)	column (3+4+5+j 6.) (7)	
<b>ART SILK :</b>								
1. Dhoties	.. .. ..	888	279	329	202	98	908	
2. Sarees	.. .. ..	33,208	8,168	7,845	7,666	8,486	32,165	
3. Lungies	.. .. ..	4,747	1,422	1,562	1,516	488	4,988	
4. Dhavani	.. .. ..	2,918	658	863	1,095	375	2,991	
5. Others	.. .. ..	1,408	458	411	281	294	1,444	
	Total ..	43,171	10,985	11,010	10,760	9,741	42,496	
<b>D. MIXTURE OF ART SILK AND COTTON :</b>								
1. Dhoties	.. .. ..	71	7	17	26	25	75	
2. Sarees	.. .. ..	34,827	8,834	9,251	7,996	8,209	34,290	
3. Others	.. .. ..	1,956	223	529	887	765	2,404	
	Total ..	36,854	9,064	9,797	8,909	8,999	36,769	
	Grand total ..	6,31,696	1,58,783	1,58,083	1,51,776	1,51,161	6,19,803	

## VII. JOINT STOCK COMPANIES.

## REGISTRATION AND LIQUIDATIONS OF JOINT STOCK COMPANIES.

During the quarter ended June 1977, five public companies and thirty eight private companies were newly registered as against two public companies and forty-four private companies during the previous quarter.

The total authorised capital of the newly registered public and private companies during the quarter ended June 1977 was Rs. 834.50 lakhs as against Rs. 879.69 lakhs during the previous quarter.

During the quarter, three companies went into liquidation as against two companies in the previous quarter.

## NEW REGISTRATIONS OF JOINT STOCK COMPANIES.

Period.	Number of Companies.			Authorised Capital.		
	Public. (1)	Private. (2)	Total. (3)	Public. (4)	Private. (5)	Total. (6)
(RS. IN LAKHS).						
1971-72 .. .. ..	27	141	168	3,686.00	1,226.55	4,912.55
1972-73 .. .. ..	20	166	186	1,387.00	11,614.59	13,001.59
1973-74 .. .. ..	37	212	249	331.75	1,936.10	5,267.85
1974-75 .. .. ..	34+	273+	307	3,800.15	3,669.29	7,469.44
1975-76 .. .. ..	29	188	217	2,747.50	1,808.18	4,555.68
1976 April .. .. ..	..	29+	29	..	182.50	182.50

~ Including one guarantee company

± Including seven guarantee companies.

## NEW REGISTRATION OF JOINT STOCK COMPANIES—cont.

Period.	Number of Companies.			Authorised Capital.						
	(1)	Public. (2)	Private. (3)	Total. (4)	Public. (5)	Private. (6)	Total. (7) (RS. IN LAKHS)			
May	..	..	..	..	9	9	27.20	27.20		
June	..	..	..	2	10	12	74.00	131.45	205.45	
July	..	..	..	4	15	19	321.00	63.00	384.00	
August	..	..	..	2	11	13	10.00	135.00	145.00	
September	..	..	..	1	17	18	25.00	65.70	90.70	
October	..	..	..	..	6	6	..	14.50	14.50	
November	..	..	..	..	10	10	..	97.99	97.99	
December	..	..	..	2	23	25	60.00	181.90	241.90	
1977	January	..	..	..	14	14	..	309.49	309.49	
	February	..	..	..	15	15	..	72.20	72.20	
	March	..	..	..	2	15	17	201.00	297.00	498.00
	April	..	..	..	3	12	15	155.00	69.00	224.00
	May	..	..	..	1	16	17	50.00	474.00	524.00
	June	..	..	..	1	10	11	50.00	36.50	86.50

## LIQUIDATIONS OF JOINT STOCK COMPANIES.

Period.	Number of Companies.			Authorised Capital.					
	(1)	Public. (2)	Private. (3)	Total. (4)	Public. (5)	Private. (6)	Total. (7)		
	(RS IN LAKHS).								
1971-72	..	..	..	2	20	22	27.51	52.12	70.63
1972-73	..	..	..	7	12	19	64.34	67.50	131.84
1973-74	..	..	..	3	8	11	106.00	90.90	196.90
1974-75	..	..	..	8	33	41	206.64	120.19	326.83
1975-76	..	..	..	1	18	19	5.00	94.89	99.89
1976	April	..	..	..	2	2	N.A.	N.A.	N.A.
	May	..	..	..	2	2	..	3.86	3.86
	June	..	..	3	..	3	3.73	..	3.73
	July	..	..	1	..	1	5.00	..	5.00
	August	..	..	1	1	2	0.08	4.00	4.08
	September	..	..	1	..	1	0.40	..	0.40
	October	..	..	..	..	..	..	..	..
	November	..	..	..	1	1	..	2.40	2.40
	December	..	..	..	..	..	..	..	..
1977	January	..	..	1	1	2	15.00	5.00	20.00
	February	..	..	..	..	..	..	..	..
	March	..	..	..	..	..	..	..	..
	April	..	..	..	..	..	..	..	..
	May	..	..	..	..	..	..	..	..
	June	..	..	..	3	3	..	12.00	12.00

N.A.—Not available.

**NEW REGISTRATIONS OF JOINT STOCK COMPANIES BY INDUSTRIAL CLASSIFICATION QUARTER  
ENDED JUNE 1977.**

Classification.	Number of Companies.			Authorised Capital.		
	Public.	Private.	Total.	Public.	Private.	Total.
(1)	(2)	(3)	(4)	(5)	(6) (RS. IN LAKHS.)	(7)
0 Agriculture and allied activities.	..	4	4	..	25.00	25.00
1 Mining and quarrying	..	..	..	..	..	..
2 Processing and manufacture of food-stuff Textiles and products thereof.	..	5	5	..	20.30	20.30
3 Processing and manufacture of metals, chemicals and products thereof.	3	14	17	155.00	446.00	601.00
4 Processing and manufacture not elsewhere classified.	..	4	4	..	45.00	45.00
5 Construction and utilities	1	..	1	50.00	..	50.00
6 Commerce (Trade and Finance)	1	6	7	50.00	37.00	87.00
7 Transport and Communication services.	..	1	1	..	2.00	2.00
8 Community and Business services.	..	3%	3%	..	1.20	1.20
9 Personal and other services	..	1	1	..	3.00	3.00
Total ..	5	38	43	255.00	579.50	834.50

% Including one guarantee company.

### VIII. ELECTRICITY.

#### ELECTRICITY GENERATION AND CONSUMPTION.

During the quarter ended September 1977, the generation (gross) of electricity was 1489 million units as against 933 million unit in the previous quarter.

The total consumption of electricity declined from 1714 million units during the quarter ended March 1977 to 1576 million units during the quarter ended June 1977. The consumption of electricity by the agricultural sector decreased from 502 million units to 442 million units while the consumption by industrial sector increased from 657 million units to 702 million units.

The total number of villages and hamlets electrified was 63,294 at the end of the quarter ended September 1977. The total number of agricultural pumpsets energised was 794767 at the end of the quarter.

#### ELECTRICITY GENERATED AND PURCHASED.

Period.	Generation.				Purchase.	Generation (Net and purchase.)	IN MILLION UNITS.
	Hydro.	Thermal.	Total.	Net Generation.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1971-72 .. .. .. .. 3,749 618 4,367 4,273 2,449 6,722							
1972-73 .. .. .. .. 4,144 926 5,070 4,937 1,785 6,722							
1973-74 .. .. .. .. 3,702 1,171 4,873 4,711 2,073 6,784							
1974-75 .. .. .. .. 3,827 1,249 5,076 4,887 2,079 6,96							
1975-76 .. .. .. .. 4,405 1,317 5,722 5,519 2,398 7917							

ELECTRICITY GENERATED AND PURCHASED.  
Generation.

Period.	Generation.				Purchase.	Generation (Net) and purchase. (7) (IN MILLION UNITS)
	Hydro.	Thermal.	Total	Net Generation. (5)		
(1)	(2)	(3)	(4)	(5)	(6)	
<b>Quarter ended—</b>						
1976 June	..	..	756	601	1,357	1,276
1976 September	..	..	708	514	1,222	1,151
1976 December	..	..	530	615	1,145	1,084
1977 March	..	..	767	446	1,213	1,155
1977 June	..	..	..	..	933	868
1977 September	..	..	1,079	410	1,489	1,427
						721
						2,148

## CONSUMPTION OF ELECTRICITY.

(IN MILLION UNITS.)

Period.	Agriculture.	Industry.	Domestic.	Others.	Total.	
					(1)	(2)
1971-72	..	..	1,356	2,703	274	1,124
1972-73	..	..	1,471	2,463	288	1,141
1973-74	..	..	1,576	2,334	316	1,129
1974-75	..	..	1,847	2,402	395	1,001
1975-76	..	..	1,692	3,079	468	913
<b>Quarter ended—</b>						
1975 June	..	..	386	441	97	211
September	..	..	339	859	124	241
December	..	..	434	901	130	224
1976 March	..	..	533	878	117	237
June	..	..	479	973	120	290
September	..	..	382	776	126	263
December	..	..	328	745	131	348
1977 March	..	..	502	657	125	430
June	..	..	442	702	132	300
						1,576

## RURAL ELECTRIFICATION.

Period.	Number of towns, villages and hamlets electrified.		Number of pumpsets energised.	
	During the period.	Up to the end of the period.	During the period.	Up to the end of the period.
(1)	(2)	(3)	(4)	(5)
1971-72	..	..	13,375	52,524
1972-73	..	..	7,794	60,318
1973-74	..	..	745	61,072
1974-75	..	..	145	61,217
1975-76	..	..	183	63,148
1976-77	..	..	126	63,274

£ under reconciliation.

## RURAL ELECTRIFICATION—cont.

Period. <i>Quarter ended</i>	(1)	Number of towns, villages and hamlets electrified.		Number of pumps/s <sup>y</sup> energised.	
		During the period. (2)	Upto the end of the period. (3)	During the period. (4)	Upto the end of the period. (5)
June 1976	..	..	13	63,161	11,067
September 1976	..	..	37	63,198	6,796
December 1976	..	..	49	63,247	6,234
March 1977	..	..	27	63,274	6,859
June 1977	..	..	11	63,285	8,807
September 1977	..	..	9	63,294	5,144

## IX. HOUSING.

## CONSTRUCTION ACTIVITY OF THE TAMIL NADU HOUSING BOARD.

The total number of houses/flats/apartments/tenements under construction by the Tamil Nadu Housing Board under different housing schemes during the quarter ended June 1977 was 5,422 as against 4,642 during the previous quarter. During the quarter ended June 1977, 504 houses/flats/apartments/tenements were completed. Since inception of the scheme, i.e., from 21st April 1961 upto the quarter ended June 1977, 43,621 houses/flats/apartments/tenements were completed.

## HOUSES CONSTRUCTED BY THE TAMIL NADU HOUSING BOARD.

Serial number and Name of the Scheme.	Number of houses/flats/tenements/apartments.		
	Completed upto the quarter ended June 1977.	Under construction as on 30th June 1977.	(3)
(1)	(2)	(3)	
1. Low Income Group Housing	.. .. .. ..	8,133	1,360
2. Middle Income Group Housing	.. .. .. ..	5,046	1,552
3. Tamil Nadu Government Rental Housing	.. .. .. ..	8,385	617
4. Subsidised Industrial Housing	.. .. .. ..	2,494	..
5. Slum Improvements/Clearance	.. .. .. ..	14,074	..
6. Deposit works	.. .. .. ..	.. .. ..	.. .. ..
7. Special Low-cost Housing Scheme	.. .. .. ..	5,489	1,893
8. Ancillary	.. .. .. ..	.. .. ..	.. .. ..
	Total ..	43,621	5,422

(Source : Tamil Nadu Housing Board.)

## BUILDING ACTIVITY IN MADRAS CITY.

During the quarter ended June 1977, 586 permits were sanctioned for construction of buildings in Madras City by the Corporation of Madras as against 483 permits in the previous quarter.

During the quarter ended March 1977, 483 permits were sanctioned as against 383 permits in the previous quarter.

*Permits sanctioned for construction of building in public and private sectors in Madras City.*

Month.	(1)	1975.	1976.	1977.
		(2)	(3)	(4)
January	..	176	162	127
February	..	205	55	174
March	..	227	*	182
April	..	192	1	159
May	..	182	65	198
June	..	308	145	229
July	..	206	120	..
August	..	206	119	..
September	..	194	65	..
October	..	192	75	..
November	..	182	166	..
December	..	308	142	..

\* Registration of building applications was stopped owing to the Urban Land Ceiling Act with effect from 1st April 1977. It was resumed on 27th April 1977.

(Source: Corporation of Madras.)

CONSTRUCTION ACTIVITY OF THE TAMIL NADU SLUM CLEARANCE BOARD.

During the quarter ended June 1977, 456 houses/flats/apartments/tenements were completed under Slum Improvement/Clearance Scheme of the Tamil Nadu Slum Clearance Board. Since the inception of the scheme, i.e., from September 1970 to 31st December 1976, 21,395 houses/flats/apartments/tenements were completed. As on 30th June 1977, construction of 1,240 houses/flats/apartments/tenements was in progress.

*Construction by the Tamil Nadu Slum Clearance Board.*

Quarter ended.	(1)	Number of houses/flats/tenements/apartments.	
		Completed upto the quarter.	Under construction as on the last day of the quarter.
September 1976	..	19,363	2,328
December 1976	..	20,291	1,712
March 1977	..	20,939	1,064
June 1977	..	21,395	1,240

(Source: Tamil Nadu Slum Clearance Board.).

## INDEX NUMBER OF BUILDING COST.

The Index number of Building Cost in Madras City for the quarter ended 30th June 1977 increased by one point as compared to the previous quarter due to slight increase in the prices of building materials such as T. W. Planks, T. W. Scantlings, Country-wood scantlings, Tower bolt (Alum), T. W. Plugs, Round blocks (teakwood) and ceiling fan (Usha).

The Index for other charges recorded a slight decrease owing to slight fall in construction activity.

The Index for building Labour however remained unchanged.

Serial number and Group.		Weights proportional to the total cost of building.	Group Index for the quarter ended.	
			31st March 1977.	30th June 1977.
	(1)	(2)	(3)	(4)
1. Building materials	.. .. ..	67.25	159.25	161.89
2. Building labour	.. .. ..	16.82	197.27	197.27
3. Other charges	.. .. ..	15.93	163.46	159.21
		100.00	166.32	167.41 or 167
Index number of Building Cost in Madras City.		100.00	166	167

## X. TRANSPORT.

## REGISTRATION OF MOTOR VEHICLES.

During the quarter ended September 1977 the total number of newly registered motor vehicles in Tamil Nadu was 5,362 as against 5,562 during the previous quarter, showing a declining trend.

The new registration of motor cycles and scooters increased from 3,194 during the quarter ended June 1977 to 3,381 during the quarter ended September 1977. The new registration of goods vehicles declined from 893 to 590.

In general increase in registration is noted in respect of Motor Cycles, Scooters, Buses and other vehicles. Whereas, a decline is observed in respect of contract carriages, private cars, Jeeps, station wagons and goods vehicles.

## NEW REGISTRATION OF MOTOR VEHICLES.

Period.		Private						Total.
		Motor Cycles and scooters.	Cars, Jeeps and station wagons.	Contract carriages.	Buses.	Goods vehicles.	Others.	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1971-72	.. .. ..	12,004	4,438	407	834	1,363	3,207	22,253
1972-73	.. .. ..	10,203	3,849	565	612	1,281	2,442	18,952
1973-74	.. .. ..	11,825	4,306	1,191	910	1,881	2,231	21,844
1974-75	.. .. ..	12,930	3,591	570	994	1,921	2,339	22,345
1975-76	.. .. ..	13,731	2,291	406	842	1,331	2,368	20,967

## NEW REGISTRATION OF MOTOR VEHICLES—cont.

Period.	Private						Others.	Total
	Motor Cycles and scooters.	Cars, Jeeps and station wagons.	Contract carriages.	Buses.	Goods vehicles.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
<i>Quarter ended</i>								
June 1976 .. .. ..	4,246	693	78	280	299	871	6,467	
September 1976 .. .. ..	4,265	799	90	216	402	680	6,452	
December 1976 .. .. ..	4,216	753	45	171	249	617	6,051	
March 1977 .. .. ..	2,962	963	376	182	269	522	5,274	
June 1977 .. .. ..	3,194	1,033	140	216	893	86	5,562	
September 1977 .. .. ..	3,381	949	89	257	590	96	5,362	

## XI. PRICES.

## WHOLESALE PRICES.

When compared with the monthly average wholesale prices that prevailed in June 1977, the monthly average wholesale prices of the following commodities declined in September 1977. :—

Cumbu (7·0 per cent), Cane jaggery (12·9 per cent), Palm jaggery (4·7 per cent), Sugar (0·7 per cent), Groundnut with shell (21·3 per cent), Groundnut without shell (18·6 percent), Gingelly seeds (6·5 per cent), Caster seeds (1·9 per cent), Gingelly Oil (7·7 per cent), Groundnut Oil (13·2 per cent), Cotton seeds (5·7 per cent), Cotton lint (14·8 per cent) and Tobacco (1·4 per cent).

When compared with the monthly average wholesale prices that prevailed in June 1977, the monthly average wholesale prices of the following commodities increased in September 1977. :—

Paddy I sort (7·1 per cent), Paddy II sort (5·0 per cent), Rice I sort (10·5 per cent), Rice II sort (7·7 per cent), Wheat (1·7 per cent), Cholam (2·1 per cent), Ragi (8·8 per cent), Redgram dhall (10·1 per cent), Turmeric (65·4 per cent), Chillies (1·3 per cent), Pepper (2·5 per cent), Coconut unhusked (48·1 per cent), Coconut Oil (13·5 per cent), Ghee ungraded (18·7 per cent), Cashewnut (10·3 per cent), Arecaanut (0·8 per cent), Coir yarn (2·2 per cent), Tanned Cow hides (2·6 per cent), Tanned Goat skins (2·2 per cent) and Tanned sheep skin (1·7 per cent).

## ANNUAL AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU FROM 1972-73 TO 1976-77.

Serial number and Commodity.	Unit.	1972-73	1973-74	1974-75	1975-76	1976-77		
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Paddy I sort .. .. ..	Quintal	77·83	82·77	155·76	146·83	110·95		
2 Paddy II sort .. .. ..	Do.	66·95	78·65	154·12	137·78	103·34		
3 Rice I sort .. .. ..	Do	133·75	143·53	272·65	249·88	182·93		
4 Rice II sort .. .. ..	Do.	107·97	123·54	243·24	225·94	169·45		
5 Wheat .. .. ..	Do.	115·72	208·23	238·11	216·94	188·93		
6 Cholam .. .. ..	Do.	76·74	88·37	190·16	151·82	127·15		
7 Cumbu .. .. ..	Do.	68·28	85·94	177·21	152·81	119·00		
8 Ragi .. .. ..	Do.	71·05	84·48	171·59	136·32	107·32		
9 Redgram Dhall .. .. ..	Do.	199·53	229·00	310·22	254·87	242·98		
10 Turmeric .. .. ..	Do.	267·21	455·12	437·65	336·78	428·89		
11 Chillies .. .. ..	Do.	321·78	456·09	619·59	1,230·80	636·99		
12 Pepper .. .. ..	Do.	635·62	819·96	1,240·43	1,328·94	1,763·75		
13 Cane Jaggery .. .. ..	Do.	145·39	148·86	156·59	226·42	211·39		
14 Palm Jagger .. .. ..	Do.	206·01	178·22	207·55	272·59	267·70		

ANNUAL AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU.  
1972-73 TO 1976-77.

Serial number and Commodity.	Unit.	1972-73.	1973-74.	1974-75.	1975-76.	1976-77.
(1)	(2)	(3) RS.	(4) RS.	(5) RS.	(6) RS.	(7) RS.
15. Sugar	Quintal	..	324.64	357.07	442.47	436.97
16. Groundnut (With Shell)	Do.	..	153.32	228.20	248.90	185.51
17. Groundnut (without shell).	Do.	..	219.75	354.03	343.77	291.58
18. Gingelly seeds	Do.	..	271.82	356.77	398.06	346.70
19. Castor seeds	Do.	..	162.79	253.35	222.50	153.17
20. Coconut (unhusked)	1,000 nuts	..	583.75	1,050.69	1,116.42	913.46
21. Gingelly oil	10 kg.	..	58.68	78.58	86.59	77.46
22. Groundnut oil	10 kg.	..	47.29	74.37	75.93	65.14
23. Coconut oil	10 kg.	..	58.90	104.93	114.88	84.88
24. Ghee (ungraded)	Quintal	..	1,231.36	1,626.19	1,797.40	1,769.43
25. Cashewnut	Do.	..	200.87	318.74	306.70	312.47
26. Areca nut (husked)	Do.	..	588.86	658.38	745.59	812.66
27. Cotton seeds	Do.	..	78.46	138.26	140.62	136.47
28. Cotton Lint	Do.	..	616.77	796.24	1,019.84	894.11
29. Tobacco	Do.	..	638.93	590.85	667.25	951.19
30. Coir yarn	Do.	..	133.70	153.79	197.46	208.44
31. Tanned Cow Hides	Kg.	..	12.77	14.82	11.94	14.06
32. Tanned Goat skins	Kg.	..	56.04	52.27	50.16	72.80
33. Tanned Sheep skins	Kg.	..	69.51	63.90	62.82	86.16

MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU.

Serial number and commodity.	Unit.	October 1976.	November 1976.	December 1976.
(1)	(2)	(3) RS.	(4) RS.	(5) RS.
1. Paddy, I sort	Quintal	..	119.43	125.10
2. Paddy, II sort	Do.	..	105.38	107.23
3. Rice, I sort	Do.	..	199.39	213.82
4. Rice, II sort	Do.	..	182.69	192.40
5. Wheat	Do.	..	192.00	187.50
6. Cholam	Do.	..	144.02	151.12
7. Cumbu	Do.	..	121.73	132.13
8. Ragi	Do.	..	110.88	125.18
9. Redgram Dhall	Do.	..	221.36	243.37
10. Turmeric	Do.	..	456.68	460.83
11. Chillies	Do.	..	541.52	528.91
12. Pepper	Do.	..	1,793.00	1,912.50
13. Cane Jaggery	Do.	..	229.30	228.08
14. Palm Jaggery	Do.	..	295.07	303.36
15. Sugar	Do.	..	482.83	465.86
16. Groundnut (with shell)	Do.	..	249.44	210.15
17. Groundnut (without shell)	Do.	..	338.32	289.69
18. Gingelly seeds	Do.	..	400.93	406.27

Serial number and commodity.		Unit.	October 1976. (3)	November 1976. (4)	December 1976. (5)
(1)	(2)		RS.	RS.	RS.
19 Castor seeds	.. .. ..	Quintal	.. ..	249.60	245.00
20 Coconut (unhusked)	.. .. ..	1,000 nuts	.. ..	1,110.00	1,400.00
21 Gingelly oil	.. .. ..	10 kg.	.. ..	85.81	86.93
22 Groundnut oil	.. .. ..	10 kg.	.. ..	82.57	66.32
23 Coconut oil	.. .. ..	10 kg.	.. ..	126.13	133.55
24 Ghee (ungraded)	.. .. ..	Quintal	.. ..	2,125.00	1,950.08
25 Cashewnut	.. .. ..	Do.	.. ..	460.00	475.00
26 Arecanut (husked)	.. .. ..	Do.	.. ..	1,020.31	1,018.63
27 Cotton seeds	.. .. ..	Do.	.. ..	154.11	158.44
28 Cotton lint	.. .. ..	Do.	.. ..	1,306.64	1,199.97
29 Tobacco	.. .. ..	Do.	.. ..	970.08	970.43
30 Coir yarn	.. .. ..	Do.	.. ..	212.50	206.46
31 Tanned Cow Hides	.. .. ..	Kg.	.. ..	18.80	18.98
32 Tanned Goat skins	.. .. ..	Kg.	.. ..	83.92	84.00
33 Tanned Sheep skins	.. .. ..	Kg.	.. ..	109.09	109.41
Serial number and commodity.		Unit.	January 1977.	February 1977.	March 1977.
(1)—cont.	(2)—cont.		(6) RS.	(7) RS.	(8) RS.
1 Paddy, I sort	.. .. ..	Quintal	.. ..	103.81	113.72
2 Paddy, II sort	.. .. ..	Do.	.. ..	101.43	108.36
3 Rice, I sort	.. .. ..	Do.	.. ..	171.21	186.62
4 Rice, II sort	.. .. ..	Do.	.. ..	165.98	179.14
5 Wheat	.. .. ..	Do.	.. ..	189.94	189.50
6 Cholam	.. .. ..	Do.	.. ..	114.30	119.90
7 Cumbu	.. .. ..	Do.	.. ..	116.84	118.29
8 Ragi	.. .. ..	Do.	.. ..	118.75	118.27
9 Redgram Dhall	.. .. ..	Do.	.. ..	293.89	340.02
10 Turmeric	.. .. ..	Do.	.. ..	502.85	505.37
11 Chillies	.. .. ..	Do.	.. ..	572.08	672.58
12 Pepper	.. .. ..	Do.	.. ..	1,893.75	1,925.00
13 Cane Jaggery	.. .. ..	Do.	.. ..	183.83	171.66
14 Palm Jaggery	.. .. ..	Do.	.. ..	300.90	257.76
15 Sugar	.. .. ..	Do.	.. ..	422.21	422.79
16 Groundnut (with shell)	.. .. ..	Do.	.. ..	264.15	296.64
17 Groundnut (without shell)	.. .. ..	Do.	.. ..	393.31	450.75
18 Gingelly seeds	.. .. ..	Do.	.. ..	462.46	486.14
19 Castor seeds	.. .. ..	Do.	.. ..	285.44	268.94
20 Coconut (unhusked)	.. .. ..	1,000 nuts	.. ..	1,400.00	1,200.00
21 Gingelly oil	.. .. ..	10 kg.	.. ..	98.12	101.92
22 Groundnut oil	.. .. ..	10 kg.	.. ..	88.19	101.23
23 Coconut oil	.. .. ..	10 kg.	.. ..	142.15	127.28
24 Ghee (ungraded)	.. .. ..	Quintal	.. ..	1,682.25	1,662.63
					1,656.23

MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU--*cont.*  
 Serial number and commodity.      Unit.      January 1977.      February 1977.      March 1977.

	(1)— <i>cont.</i>	(2)— <i>cont.</i>	(6)	(7)	(8)
25 Cashewnuts	.. .. ..	Quintal	.. ..	518.75	583.21
26 Arecanut (husked)	.. .. ..	Do.	.. ..	1,053.41	1,049.40
27 Cotton seeds	.. .. ..	Do.	.. ..	163.05	168.09
28 Cotton lint	.. .. ..	Do.	.. ..	1,487.78	1,425.42
29 Tobacco	.. .. ..	Do.	.. ..	896.74	879.18
30 Coir Yarn	.. .. ..	Do.	.. ..	214.50	216.67
31 Tanned Cow Hides	.. .. ..	Kg.	.. ..	18.47	18.57
32 Tanned Goat skins	.. .. ..	Kg.	.. ..	82.79	74.17
33 Tanned Sheep skins	.. .. ..	Kg.	.. ..	104.59	96.60

R = Revised.

	Serial number and commodity.	Unit.	April 1977.	May 1977.	June 1977.
	(1)— <i>cont.</i>	(2)— <i>cont.</i>	(9)	(10)	(11)
			RS.	RS.	RS.
1	Paddy I sort	.. .. ..	Quintal	.. ..	108.71
2	Paddy II sort	.. .. ..	Do.	.. ..	103.32
3	Rice I sort	.. .. ..	Do.	.. ..	180.69
4	Rice II sort	.. .. ..	Do.	.. ..	169.35
5	Wheat	.. .. ..	Do.	.. ..	184.75
6	Cholam	.. .. ..	Do.	.. ..	125.24
7	Cumbu	.. .. ..	Do.	.. ..	125.86
8	Ragi	.. .. ..	Do.	.. ..	114.07
9	Redgram Dhall	.. .. ..	Do.	.. ..	340.28
10	Turmeric	.. .. ..	Do.	.. ..	529.95
11	Chillies	.. .. ..	Do.	.. ..	683.86
12	Pepper	.. .. ..	Do.	.. ..	1,935.00
13	Cane Jaggery	.. .. ..	Do.	.. ..	173.15
14	Palm Jaggery	.. .. ..	Do.	.. ..	244.08
15	Sugar	.. .. ..	Do.	.. ..	404.97
16	Groundnut (with shell)	.. ..	Do.	.. ..	285.97
17	Groundnut (without shell)	.. ..	Do.	.. ..	372.09
18	Gingelly Seeds	.. .. ..	Do.	.. ..	455.09
19	Castor Seeds	.. .. ..	Do.	.. ..	240.89
20	Coconut (un-husked)	.. ..	1,000 nuts	.. ..	970.00
21	Gingelly oil	.. .. ..	10 kg.	.. ..	99.52
22	Groundnut oil	.. .. ..	10 kg.	.. ..	82.06
23	Coconut oil	.. .. ..	10 kg.	.. ..	104.80
24	Ghee (ungraded)	.. .. ..	Quintal	.. ..	1,646.25
25	Cashewnuts	.. .. ..	Do.	.. ..	725.00

## MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU—cont.

Serial number and commodity. (1)—cont.	Unit. (2)—cont.	April	Moy	June
		1977. (9)	1977. (10)	1977. (11)
		RS.	RS.	RS.
26 Arecanut (husked)	.. .. Quintal	.. ..	1,056.99	987.95
27 Cotton Seeds	.. .. Do.	.. ..	159.49	167.04
28 Cotton Lint	.. .. Do.	.. ..	1,417.07	1,379.32
29 Tobacco	.. .. Do.	.. ..	861.97	847.53
30 Coir Yarn	.. .. Do.	.. ..	216.67	234.58
31 Tanned Cow Hides	.. .. Kg.	.. ..	17.30	17.59
32 Tanned Goat Skins	.. .. Kg.	.. ..	68.92	68.25
33 Tanned Sheep Skins	.. .. Kg.	.. ..	95.35	94.50

Serial number and commodity. (1)—cont.	Unit. (2)—cont.	July	August	September
		1977. (12) RS.	1977. (13) RS.	1977. (14) RS.
1 Paddy I sort	.. .. Quintal	.. ..	120.42	124.52
2 Paddy II sort	.. .. Do.	.. ..	115.40	118.61
3 Rice I sort	.. .. Do.	.. ..	190.87	198.26
4 Rice II sort	.. .. Do.	.. ..	177.12	184.84
5 Wheat	.. .. Do.	.. ..	165.05	164.06
6 Cholam	.. .. Do.	.. ..	120.16	123.74
7 Cumbu	.. .. Do.	.. ..	115.50	111.88
8 Ragi	.. .. Do.	.. ..	114.44	116.16
9 Redgram Dhall	.. .. Do.	.. ..	362.94	367.50
10 Turmeric	.. .. Do.	.. ..	655.94	756.40
11 Chillies	.. .. Do.	.. ..	657.41	665.91
12 Pepper	.. .. Do.	.. ..	1,974.00	1,942.50
13 Cane Jaggery	.. .. Do.	.. ..	170.73	168.49
14 Palm Jaggery	.. .. Do.	.. ..	227.38	224.69
15 Sugar	.. .. Do.	.. ..	401.94	397.32
16 Groundnut (with shell)	.. Do.	.. ..	312.92	301.67
17 Groundnut (without shell)	.. Do.	.. ..	457.47	443.62
18 Gingelly Seeds	.. .. Do.	.. ..	400.24	391.08
19 Castor Seeds	.. .. Do.	.. ..	280.00	276.22
20 Coconut (unhusked)	.. .. 1,000 nuts	.. ..	940.00	1,075.00
21 Gingelly oil	.. .. 10 kg.	.. ..	90.80	85.66
22 Groundnut oil	.. .. 10 kg.	.. ..	96.67	96.97
23 Coconut oil	.. .. 10 kg.	.. ..	103.10	103.51
24 Ghee (ungraded)	.. .. Quintal	.. ..	1,753.12	1,906.25
25 Cashewnuts	.. .. Do.	.. ..	783.20	807.97
26 Arecanut (husked)	.. .. Do.	.. ..	1,140.58	1,065.34
27 Cotton Seeds	.. .. Do.	.. ..	162.58	160.87
				156.67

## MONTHLY AVERAGE WHOLESALE PRICES OF SELECTS COMMODITIES IN TAMIL NADU—cont.

Serial number and commodity.	Unit.	July.	August.	September.
		1977. (12)	1977. (13)	1977. (14)
(1)—cont.	(2)—cont.	RS.	RS.	RS.
28 Cotton Lint .. .. .. Quintal .. .. 1,342.01			1,254.86	1,180.54
29 Tobacco .. .. .. Do. .. .. 858.94			850.92	832.03
30 Coir Yarn .. .. .. Do. .. .. 237.33			241.25	241.33
31 Tanned Cow Hides .. .. .. Kg. .. .. 16.51			16.36	16.78
32 Tanned Goat Skins .. .. .. Kg. .. .. 70.95			69.30	69.72
33 Tanned Sheep Skins .. .. .. Kg. .. .. 98.80			96.07	96.07

R. = Revised.

## RETAIL PRICES

When compared with the average retail prices that prevailed during the last month of the previous quarter (i. e.) June 1977, the average retail prices for September 1977 recorded a downward trend for the following commodities.

Cumbu (—6.3 per cent), Cane Jaggery (—7.7 per cent), Palm jaggery (—12.7 percent) Sugar (—0.2 percent) Coriander (—4.3 per cent), Gingelly Oil (5.8 per cent), cotton seed (—9.3 per cent) and tobacco (—16.2 per cent)

The average retail prices recorded an upward trend during September '77 as compared to that of June 1977 in respect of the following commodities.

Rice I sort (+9.8 percent), rice II (+6.2 percent), Wheat (+2.1 percent), Cholam' (+3.9 percent), Chillies (+0.9 percent), Pepper (+2.1 percent), Turmeric (+51.5 percent) cocunut (+22.6 percent), Ghee-Agmark (+19.0 percent), Coir Yarn (+1.4 percent) and coconut oil (9.2 percent).

The average retail price of salt remained unchanged and there was no retail transaction of arecanut (unhusked) during the quarter.

## ANNUAL AVERAGE RETAIL PRICES IN TAMIL NADU.

Serial number and Commodity.	Unit.	1972-73.	1973-74.	1974-75.
		(3) RS.	(4) RS.	(5) RS.
(1)	(2)			
1 Rice, I Sort .. .. .. .. .. Quintal .. .. 145.86			155.44	293.60
2 Rice, II Sort .. .. .. .. .. Do. .. .. 115.22			128.86	267.68
3 Wheat .. .. .. .. .. Do. .. .. 187.00			309.75	315.46
4 Cholam .. .. .. .. .. Do. .. .. 87.98			95.79	203.40
5 Cumbu .. .. .. .. .. Do. .. .. 82.36			94.53	191.30
6 Ragi .. .. .. .. .. Do. .. .. 81.15			95.79	189.11
7 Redgram Dhall .. .. .. .. .. Kg. .. .. 2.44			2.59	3.44
8 Chillies .. .. .. .. .. Quintal .. .. 364.61			485.09	737.66
9 Pepper .. .. .. .. .. Do. .. .. 759.09			807.00	1,217.50
10 Turmeric .. .. .. .. .. Do. .. .. 353.18			508.04	478.86
11 Cane Jaggery .. .. .. .. .. Do. .. .. 165.17			168.13	176.46
12 Sugar .. .. .. .. .. Kg. .. .. 3.58			3.70	4.58
13 Salt .. .. .. .. .. Kg. .. .. 0.12			0.12	0.15
14 Coriander .. .. .. .. .. Quintal .. .. 247.46			300.22	379.77
15 Coconut (Unhusked) .. .. .. .. .. 1,000 nuts .. .. 580.00			1,175.00	1,300.00
16 Ghee (Agmark) .. .. .. .. .. Kg. .. .. 14.50			18.10	18.95

## ANNUAL AVERAGE RETAIL PRICES IN TAMIL NADU—cont.

Serial number and commodity.	Unit	1972-73.		1973-74.		1974-75.	
		(1)	(2)	(3)	(4)	(5)	
17 Palm Jaggery	Quintal	..	..	255.73	207.81	236.88	RS.
18 Coir yarn	Do.	..	..	145.40	155.94	221.79	RS.
19 Coconut oil	Kg.	..	..	7.50	11.70	12.99	RS.
20 Gingelly oil	Kg.	..	..	7.13	8.39	9.15	RS.
21 Cotton Seed	Quintal	..	..	97.92	145.55	155.56	RS.
22 Arecanut (Unshelled)	1,000 nuts	..	..	N.T.	130.00	N.T.	RS.
23 Tobacco	Quintal	..	..	619.83	530.50	597.16	RS.

## ANNUAL AVERAGE RETAIL PRICES IN TAMIL NADU—cont.

Serial number and commodity.	Unit.	1975-76.		1976-77.	
		(1)—cont.	(2)—cont.	(6)	(7)
1 Rice, I Sort	Quintal	..	..	279.55	187.00
2 Rice, II Sort	Do.	..	..	243.51	180.00
3 Wheat	Do.	..	..	269.48	204.00
4 Cholam	Do.	..	..	170.28	136.00
5 Cumbu	Do.	..	..	159.45	127.00
6 Ragi	Do.	..	..	155.81	119.00
7 Redgram Dhall	Kg.	..	..	2.82	2.72
8 Chillies	Quintal	..	..	1,303.77	727.00
9 Pepper	Do.	..	..	1,382.61	2,010.00
10 Turmeric	Do.	..	..	427.95	494.00
11 Cane Jaggery	Do.	..	..	245.51	237.00
12 Sugar	Kg.	..	..	4.58	4.66
13 Salt	Kg.	..	..	0.15	0.16
14 Coriander	Quintal	..	..	449.35	710.00
15 Coconut (Unhusked)	1,000 nuts	..	..	814.90 **	1,030.00 **
16 Ghoe (Agmark)	Kg.	..	..	20.78	22.71
17 Palm Jaggery	Quintal	..	..	319.15	318.00
18 Coir yarn	Do.	..	..	133.57	232.00
19 Coconut Oil	Kg.	..	..	9.47	12.14
20 Gingelly oil	Kg.	..	..	8.22	8.93
21 Cotton Seed	Quintal	..	..	141.93	155.00
22 Arecanut (Unshelled)	1,000 nuts	..	..	712.50*	713.00*
23 Tobacco	Quintal	..	..	1,117.70	1,163.00

Note. \* Per quintal.

\*\* Coconut Husked.

## MONTHLY AVERAGE RETAIL PRICES IN TAMIL NADU.

Serial number and commodity.	Unit.	October	November	December
		1976.	1976.	1976.
(1)	(2)	(3) RS.	(4) RS.	(5) RS.
1 Rice I Sort .. .. .. .. .. Quintal .. 231.00 248.00 211.00				
2 Rice II Sort .. .. .. .. .. Do. .. 199.00 205.00 186.00				
3 Wheat .. .. .. .. .. Do. .. 196.00 188.00 191.00				
4 Cholam .. .. .. .. .. Do. .. 151.00 158.00 137.00				
5 Cumbu .. .. .. .. .. Do. .. 129.00 138.00 135.00				
6 Ragi .. .. .. .. .. Do. .. 120.00 132.00 129.00				
7 Redgram Dhall .. .. .. .. .. Kg. .. 2.45 2.67 2.84				
8 Chillies .. .. .. .. .. Quintal .. 617.00 697.00 678.00				
9 Pepper .. .. .. .. .. Do. .. 2,100.00 2,350.00 2,400.00				
10 Turmeric .. .. .. .. .. Do. .. 524.00 523.00 570.00				
11 Cane Jaggery .. .. .. .. .. Do. .. 255.00 260.00 248.00				
12 Palm Jaggery .. .. .. .. .. Do. .. 327.00 334.00 339.00				
13 Sugar .. .. .. .. .. Kg. .. 4.94 4.78 4.58				
14 Salt .. .. .. .. .. Kg. .. .. 0.16 0.16 0.16				
15 Coriander .. .. .. .. .. Quintal .. 774.00 895.00 988.00				
16 Coconut (Husked) .. .. .. .. .. 100 nuts .. 106.00 129.00 137.00				
17 Ghee (Agmark) .. .. .. .. .. Kg. .. 28.00 26.00 21.00				
18 Coir yarn .. .. .. .. .. Quintal .. 240.00 225.00 220.00				
19 Coconut oil .. .. .. .. .. Kg. .. 13.48 14.38 16.21				
20 Gingelly oil .. .. .. .. .. Kg. .. 9.06 9.12 9.52				
21 Cotton seed .. .. .. .. .. Quintal .. 161.00 163.00 166.00				
22 Arecanut (Unhusked) .. .. .. .. .. Do. .. N.T. N.T. N.T.				
23 Tobacco .. .. .. .. .. Do. .. 1,225.00 1,206.00 1,143.00				

N.T.=No Transaction.

Serial number and commodity.	Unit.	MONTHLY AVERAGE RETAIL PRICES IN TAMIL NADU--cont.					
		January 1977.	February 1977.	March 1977.	(1)	(2)	(6)
						Rs.	Rs.
1 Rice, I Sort	.. .. .. .. ..	Quintal	..	192.00	198.00	192.00	
2 Rice, II Sort	.. .. .. .. ..	Do.	..	179.00	188.00	178.00	
3 Wheat	.. .. .. .. ..	Do.	..	221.00	221.00	217.00	
4 Cholam	.. .. .. .. ..	Do.	..	123.00	129.00	133.00	
5 Cumbu	.. .. .. .. ..	Do.	..	124.00	125.00	130.00	
6 Ragi	.. .. .. .. ..	Do.	..	130.00	129.00	131.00	
7 Redgram dhall	.. .. .. .. ..	Kg.	..	3.24	3.66	3.83	
8 Chillies	.. .. .. .. ..	Quintal	..	657.00	758.00	782.00	
9 Pepper	.. .. .. .. ..	Do.	..	2,350.00	2,300.00	2,300.00	
10 Turmeric	.. .. .. .. ..	Do.	..	573.00	579.00	604.00	
11 Cane Jaggery	.. .. .. .. ..	Do.	..	216.00	200.00	197.00	
12 Palm Jaggery	.. .. .. .. ..	Do.	..	337.00	298.00	300.00	
13 Sugar	.. .. .. .. ..	Kg.	..	4.35	4.33	4.27	
14 Salt	.. .. .. .. ..	Kg.	..	0.16	0.16	0.16	
15 Coriander	.. .. .. .. ..	Quintal	..	917.00	666.00	633.00	
16 Coconut (Husked)	.. .. .. .. ..	100 nuts	..	136.00	114.00	104.00	
17 Ghee (Agmark)	.. .. .. .. ..	Kg.	..	21.00	21.00	20.00	
18 Coir yarn	.. .. .. .. ..	Quintal	..	220.00	220.00	220.00	
19 Coconut oil	.. .. .. .. ..	Kg.	..	15.98	14.37	12.34	
20 Gingelly oil	.. .. .. .. ..	Kg.	..	10.25	10.71	10.64	
21 Cotton seed	.. .. .. .. ..	Quintal	..	173.00	176.00	166.00	
22 Areca nut (Unhusked)	.. .. .. .. ..	Quintal	..	N.T.	N.T.	N.T.	
23 Tobacco	.. .. .. .. ..	Quintal	..	1,088.00	1,006.00	988.00	

N.T. = No Transaction.

R. = Revised.

MONTHLY AVERAGE RETAIL PRICES IN TAMIL NADU.—*cont.*

<i>Serial number and Commodity.</i>	<i>Unit.</i>	<i>April 1977</i>	<i>May 1977</i>	<i>June 1977</i>
(1)	(2)	(9)	(10)	(11)
1 Rice I Sort .. .. .. .. .. Quintal .. 190.00 192.00 194.00				
2 Rice II Sort .. .. .. .. .. Quintal .. 178.00 177.00 178.00				
3 Wheat .. .. .. .. .. Quintal .. 210.00 192.00 191.00				
4 Cholam .. .. .. .. .. Quintal .. 134.00 130.00 127.00				
5 Cumbu .. .. .. .. .. Quintal .. 132.00 128.00 127.00				
6 Ragi .. .. .. .. .. Quintal .. 126.00 121.00 120.00				
7 Redgramdhall .. .. .. .. .. Kg. .. 3.73 3.83 3.86				
8 Chillies .. .. .. .. .. Quintal .. 770.00 767.00 758.00				
9 Pepper .. .. .. .. .. Quintal .. 2,450.00 2,300.00 2,350.00				
10 Turmeric .. .. .. .. .. Quintal .. 596.00 643.00 674.00				
11 Cane Jaggery .. .. .. .. .. Quintal .. 200.00 205.00 207.00				
12 Palm Jaggery .. .. .. .. .. Quintal .. 298.00 279.00 268.00				
13 Sugar .. .. .. .. .. Kg. .. 4.17 4.20 4.13				
14 Salt .. .. .. .. .. Kg. .. 0.16 0.17 0.17				
15 Coriander .. .. .. .. .. Quintal .. 659.00 739.00 719.00				
16 Coconut (Husked) .. .. .. .. .. 100 nuts .. 97.00 89.00 84.00				
17 Ghee (Agmark) .. .. .. .. .. Kg. .. 20.00 20.00 20.00				
18 Coir yarn .. .. .. .. .. Quintal .. 220.00 279.00 280.00				
19 Coconut oil .. .. .. .. .. Kg. .. 11.73 11.82 11.33				
20 Gingelly oil .. .. .. .. .. Kg. .. 10.60 10.08 9.60				
21 Cotton seed .. .. .. .. .. Quintal .. 174.00 184.00 183.00				
22 Arecanut (Unhusked) .. .. .. .. .. Quintal .. N.T. N.T. N.T.				
23 Tobacco .. .. .. .. .. Quintal .. 1,011.00 1,025.00 984.00				

N.T. :—No Transaction.

## MONTHLY AVERAGE RETAIL PRICES IN TAMIL NADU—cont.

Serial number and Commodity.	Unit.	July	August	September
		1977	1977	1977
(1)	(2)	(12)	(13)	(14)
1 Rice I Sort	Quintal	..	203.00	210.00
2 Rice II Sort	Quintal	..	186.00	193.00
3 Wheat	Quintal	..	191.00	189.00
4 Cholam	Quintal	..	128.00	133.00
5 Cumbu	Quintal	..	124.00	121.00
6 Ragi	Quintal	..	125.00	127.00
7 Redgramdhall	Kg.	..	3.86	3.98
8 Chillies	Quintal	..	757.00	758.00
9 Pepper	Quintal	..	2,300.00	2,300.00
10 Turmeric	Quintal	..	718.00	790.00
11 Cane Jaggery	Quintal	..	198.00	198.00
12 Palm Jaggery	Quintal	..	228.00	234.00
13 Sugar	Kg.	..	4.23	4.09
14 Salt	Kg.	..	0.16	0.16
15 Coriander	Quintal	..	715.00	707.00
16 Coconut (Husked)	100 nuts	..	87.00	93.00
17 Ghee (Agmark)	Kg.	..	21.20	23.00
18 Coir yarn	Quintal	..	280.00	280.00
19 Coconut oil	Kg.	..	11.43	11.33
20 Gingelly oil	Kg.	..	9.46	9.19
21 Cotton seed	Quintal	..	174.00	173.00
22 Arecanut (Unhusked)	Quintal	..	N.T.	N.T.
23 Tobacco	Quintal	..	978.00	869.00

N.T. := No Transaction.

R := Revised.

*Index number of whole sale prices of foodgrains and Commercial Products in Tamil Nadu.*

During the quarter ended September 1977, the index number of wholesale prices of foodgrains (21st August 1939=100) registered an increase. As compared with the index for July 1977 the index number advanced by 41 points from 1,809 in July 1977 to 1850 in September 1977, or by 2.3 per cent. An increase in the prices of paddy II sort, rice I and II sorts, cholam and ragi contributed for the rise in the index.

The index number of wholesale prices of Commercial Products declined by 43 points from 2,779 in July 1977 to 2,736 in September 1977 or by 1.5 per cent. Lower prices of pepper, Cane Jaggery, groundnut (machine shelled), gingelly seed, castor, gingelly oil, groundnut oil, cotton lint, cotton seed, tobacco, tanned cow hides and tanned goat and sheep skins were responsible for the downward trend in the index.

## Index Numbers of Wholesale Prices in Tamil Nadu.

(Prices on 21st August 1939 =100).

Period.		Food grains.	Commercial Products.	Composite Index.
	(1)	(2)	(3)	(4)
1972	.. .. .. .. .. ..	1,112	1,498	1,327
1973	.. .. .. .. .. ..	1,192	2,017	1,653
1974	.. .. .. .. .. ..	2,102	2,265	2,193
1975	.. .. .. .. .. ..	2,512	2,391	2,445
1976	.. .. .. .. .. ..	1,730	2,463	2,139
1976 :—				
October	.. .. .. .. .. ..	1,891	2,707	2,347
November	.. .. .. .. .. ..	1,997	2,710	2,395
December	.. .. .. .. .. ..	1,861	2,778	2,374
1977 :—				
January	.. .. .. .. .. ..	1,748	2,787	2,329
February	.. .. .. .. .. ..	1,823	2,830	2,386
March	.. .. .. .. .. ..	1,775	2,721	2,303
April	.. .. .. .. .. ..	1,760	2,603	2,276
May	.. .. .. .. .. ..	1,754	2,768	2,321
June	.. .. .. .. .. ..	1,752	2,773	2,322
July	.. .. .. .. .. ..	1,809	2,779	2,351
August	.. .. .. .. .. ..	1,853	2,767	2,363
September	.. .. .. .. .. ..	1,850	2,736	2,345

## Consumer price index numbers for industrial workers.

During the quarter under review, the Consumer Price Index Numbers for September 1977 (1960=100) as compared to July 1977 advanced in Madras City, Tiruchirapalli, Coimbatore and Coonoor centres, while those of Cuddalore, Madurai and Nagercoil centres registered a decline.

As compared with the index for June 1977, the index for September 1977 was higher by four points each at Cuddalore and Coimbatore, five points each at Madurai and Coonoor, six points at Madras City and by eighteen points at Tiruchirapalli. The index for Nagercoil remained unchanged at 340 points.

As regards Madras City, the Consumer Price Index number for the month of July 1977 advanced by four points to 304 when compared to June 1977 due mainly to higher prices of redgram dhall, and greengram dhall, blackgram dhall, fresh fish, turmeric, green chillies, tamarind, onions, garlic, certain items of vegetables and fruits, gur, betel nuts, beedies, tobacco, firewood (Both junglewood and casuarina) and certain items of clothing articles and the half yearly revision of house rent figure.

When compared to July 1977 the index for August 1977 receded by two points to 302 due mainly to lower prices of edible oils, mutton, fresh fish, certain items of vegetables and fruits and betel leaves.

The index for the month of September 1977 again advanced by four points from 302 in August 1977 to 306 in September 1977 due mainly to higher prices of rice, pulses, fish (both fresh and dry), turmeric, dry chillies, coriander, pepper, mustard, curries, certain items of vegetables and fruits, gur, betel nuts, beedies, snuff, firewood (both junglewood and casuarina) bus fare, hair oil, toilet soap and in tailoring charges.

### *Consumer price Index Numbers for Urban Non-Manual Employees.*

When compared with the Index for April 1977, the Consumer Price Index Number for Urban Non-Manual Employees (1960=100) in June 1977 advanced by two points to 304 and 286 respectively in Madras City and Madurai while it remained constant at 299 points in Tiruchirappalli.

**CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES. (1960=100).**

	Period (1)							Madras. (2)	Madurai. (3)	Tirchirappalli. (4)
<b>1972</b>	..	..	..	..	..	..	..	200	175	194
<b>1973</b>	..	..	..	..	..	..	..	222	199	209
<b>1974</b>	..	..	..	..	..	..	..	275	264	273
<b>1975</b>	..	..	..	..	..	..	..	310	306	313
<b>1976</b>	..	..	..	..	..	..	..	292	285	282
<b>1976—</b>										
July	..	..	..	..	..	..	..	290	291	283
August	..	..	..	..	..	..	..	291	296	292
September	..	..	..	..	..	..	..	293	303	294
October	..	..	..	..	..	..	..	296	298	298
November	..	..	..	..	..	..	..	299	296	302
December	..	..	..	..	..	..	..	302	290	296
<b>1977</b>										
January	..	..	..	..	..	..	..	301	286	300
February	..	..	..	..	..	..	..	303	286	300
March	..	..	..	..	..	..	..	302	283	298
April	..	..	..	..	..	..	..	302	284	299
May	..	..	..	..	..	..	..	303	286	300
June	..	..	..	..	..	..	..	304	286	299

**SOURCE :** Central Statistical Organisation, New Delhi.

**CONSUMER PRICE INDEX NUMBER FOR DIFFERENT CENTRES IN TAMIL NADU.  
(1960=100).**

Period.		Madras City.	Cudda- lore.	Tiruchirap- palli.	Madurai.	Coim- batore.	Nager- coil.	Coonoor
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
1972	.. .. .. ..	197	201	208	201	185	219	193
1973	.. .. .. ..	221	224	246	226	207	255	214
1974	.. .. .. ..	281	296	329	306	282	339	307
1975	.. .. .. ..	325	325	372	352	331	390	314
1976	.. .. .. ..	283	289	313	296	300	330	295
1976 :—								
October	.. .. .. ..	289	299	331	303	315	341	303
November	.. .. .. ..	298	315	343	316	313	344	303
December	.. .. .. ..	305	310	333	321	312	355	303
1977 :—								
January	.. .. .. ..	298	303	327	315	312	353	301
February	.. .. .. ..	298	317	336	318	315	337	304
March	.. .. .. ..	298	312	326	316	310	322	301

## CONSUMER PRICE INDEX NUMBERS FOR DIFFERENT CENTRES IN TAMIL NADU—cont.

Period. (1)	Madras City. (2)	(1960=100.)						Coonoor (8)
		Cudda- lore. (3)	Tiruchirap- palli. (4)	Madurai. (5)	Coim- batore. (6)	Nager- coil. (7)		
April	299	317	324	313	309	323	305	
May	300	314	328	321	314	330	309	
June	300	314	323	322	315	340	310	
July	304	320	331	329	318	341	311	
August	302	320	333	327	319	344	315	
September	306	318	341	*	*	340	*	

\* Yet to be received from the Director, Labour Bureau, Simla.

## Index Numbers of Rural prices for select centres.

During the quarter ended September 1977, the index number of Rural Prices (year ended June 1971—100) for Thulayanatham, Guduvancheri and Kunnathur with base 1971—100 advanced, while that of Puliyur, Agaram, Eriodu, Gokilapuram and Kinathukadavu declined.

When compared with the Index for July 1977, the Rural Price Index Number for September 1977 was higher by two points (1·1 per cent at Thulayanatham, eight points (4·5 per cent) at Guduvancheri and three points (1·6 per cent) at Kunnathur, while it was lower by nine points (4·3 per cent) at Puliyur, six points each (3·0 per cent) at Agaram and Eriodu, eleven points (5·1 per cent) at Gokilapuram and five points (2·3 per cent) at Kinathukadavu.

INDEX NUMBERS OF RURAL PRICES FOR SELECT CENTRES.  
(Year ended June 1936=100).

Period. (1)	South Arcot.			Tiruchirappalli.		
	Puliyur. (2)	Agram. (3)	Thulayanatham. (4)	Puliyur. (2)	Agram. (3)	Thulayanatham. (4)
1972	1,038	1,006	1,061			
1973	1,215	1,158	1,162			
1974	1,709	1,594	1,693			
1975	2,028	1,736	2,083			
1976	1,635	1,534	1,837			
<b>1976—</b>						
October	1,772	1,645	2,004			
November	1,843	1,716	2,065			
December	1,845	1,711	2,106			
<b>1977—</b>						
January	1,830	1,694	2,049			
February	1,914	1,764	2,033			
March	1,881	1,717	2,034			
April	1,862	1,729	1,990			
May	1,907	1,764	1,970			
June	1,970	1,789	1,905			
(Base Year ended June 1971=100)*						
July	209	200	184			
August	200	193	187			
September	200	194	186			

\* The base period for Rural price Index Numbers has been shifted to 1971=100 with effect from July 1971.

## INDEX NUMBERS OF RURAL PRICES FOR SELECT CENTRES—cont.

(Year ended June 1936=100).

Period.	Madurai.				(5)	(6)	(7)
	Eriodu.	Gokilapuram.	Kinathukadavu.	Coimbatore.			
1972 .. .. .. .. .. .. .. .. .. 1,019				1,239			1,047
1973 .. .. .. .. .. .. .. .. .. 1,245				1,500			1,310
1974 .. .. .. .. .. .. .. .. .. 2,010				2,240			2,242
1975 .. .. .. .. .. .. .. .. .. 2,302				2,452			2,527
1976 .. .. .. .. .. .. .. .. .. 1,737				1,996			1,821
<b>1976--</b>							
October .. .. .. .. .. .. .. .. .. 1,893				2,130			1,916
November .. .. .. .. .. .. .. .. .. 1,968				2,160			1,843
December .. .. .. .. .. .. .. .. .. 1,895				2,141			1,778
<b>1977--</b>							
January .. .. .. .. .. .. .. .. .. 1,910				2,304			1,873
February .. .. .. .. .. .. .. .. .. 1,876				2,296			2,019
March .. .. .. .. .. .. .. .. .. 1,858				2,247			1,952
April .. .. .. .. .. .. .. .. .. 1,833				2,200			1,878
May .. .. .. .. .. .. .. .. .. 1,840				2,234			1,831
June .. .. .. .. .. .. .. .. .. 1,826				2,224			1,806
(Base Year ended June 1971=100)*							
July .. .. .. .. .. .. .. .. .. 199				214			216
August .. .. .. .. .. .. .. .. .. 200				205			211
September .. .. .. .. .. .. .. .. .. 193				203			211

\* The base period for Rural price Index Numbers has been shifted to 1971=100 with effect from July 1971.

## INDEX NUMBERS OF RURAL PRICES FOR SELECT CENTRES—cont.

(Year ended June 1936=100).

Period.	Chengalpattu.							(9)
	Guduvancheri.				Kunnathur.			
	(8)							
1972	..	..	..	..	..	..	..	1,090
1973	..	..	..	..	..	..	..	1,288
1974	..	..	..	..	..	..	..	1,954
1975	..	..	..	..	..	..	..	2,211
1976	..	..	..	..	..	..	..	1,598
<b>1976—</b>								
October	..	..	..	..	..	..	..	1,665
November	..	..	..	..	..	..	..	1,836
December	..	..	..	..	..	..	..	1,834
<b>1977—</b>								
January	..	..	..	..	..	..	..	1,798
February	..	..	..	..	..	..	..	1,783
March	..	..	..	..	..	..	..	1,758
April	..	..	..	..	..	..	..	1,751
May	..	..	..	..	..	..	..	1,693
June	..	..	..	..	..	..	..	1,739
	(Base Year ended June 1971=100)*							
July	..	..	..	..	..	..	..	179
August	..	..	..	..	..	..	..	185
September	..	..	..	..	..	..	..	187

\* The base period for Rural Price Index Numbers has been shifted to 1971=100 with effect from July 1971.

*Index Number of prices received and prices paid by the farmer and the Index of parity.*

During the quarter ended September 1977, the Index Number of farm prices received by the farmer (1954-55=100) declined by 65 points from 448 in July 1977 to 383 September in 1977 or by 14.5 per cent.

The Index Number of prices paid by the farmer (Cultivation Cost and domestic expenditure) appreciated marginally by one point to 539 or by 0.2 per cent.

The Index of Parity between the prices received by the farmer and prices paid by him declined by 12 points to 71 or by 14.5 per cent.

*Index Number of prices received and prices paid by the Farmer and the Index Number of Parity  
(1954-55=100)*

<i>Period.</i>	<i>Index number of prices received by the farmer.</i>	<i>Index number of prices paid by the farmer.</i>	<i>Index number of Parity.</i>
(1)	(2)	(3)	(4)
1972 ..	238	295	81
1973 ..	279	325	86
1974 ..	440	465	94
1975 ..	501	553	91
1976 ..	378	507	74
<b>1976—</b>			
October	404	533	76
November	393	535	73
December	385	531	73
<b>1977—</b>			
January	404	533	76
February	423	539	79
March	406	534	
April ..	407	535	76
May ..	417	535	78
June ..	420	535	79
July ..	448	538	83
August ..	423	542	78
September	383	539	71

**XII TRADE**

**FOREIGN TRADE**

*Quantum of Imports and Exports through the ports of Tamil Nadu.*

The total value of foreign imports and exports through the ports of Tamil Nadu during the quarter ended June 1977 was of the order of Rs. 212.59 crores of which exports accounted for Rs. 121.20 crores.

When compared with the corresponding quarter the imports fell by 32 per cent and the exports increased by 93.6 per cent during the quarter ended June 1977.

*Quantum of Imports and Exports through the ports of Tamil Nadu during the Quarter ended 30th June 1977 (Provisional).*

(VALUE RS. IN LAKHS)

Port.	Import.		Export.
	(1)	(2)	(3)
Madras ..	.. .. .. .. ..	6,738	11,053
Cuddalore ..	.. .. .. .. ..	171	31
Nagapattinam ..	.. .. .. .. ..	86	48
Tuticorin ..	.. .. .. .. ..	1,667	136
St. Thomas Mount (Airport) ..	.. .. .. .. ..	477	852
Tiruchirappalli (Air port) ..	.. .. .. .. ..	..	..
<b>Total</b> ..	<b>..</b>	<b>9,139</b>	<b>12,120</b>

### XIII LABOUR AND EMPLOYMENT

#### EMPLOYMENT POSITION.

During the quarter ended September 1977, 144,037 applicants registered with the Employment Exchanges as against 105,913 during the previous quarter. This showed an increase of 36.0 per cent. The number of persons placed in employment through the Employment Exchanges during the quarter under review was 5,758 as against 6,579 during the previous quarter, indicating a decrease of 12.5 per cent in placements. The number of persons on the Live Registers at the end of the quarter ended September 1977 increased by 5.3 per cent. The number persons on the Live Registers at the end of the quarters ended September 1977 and June 1977 were 940,189 and 892,734 respectively.

#### REGISTRATIONS AND PLACEMENTS THROUGH EMPLOYMENT EXCHANGES

*Number on the Live Register during the quarter ended.*

District.	(1)	June 1977	September 1977	Percentage
				variation
1 Madras ..	.. .. .. .. ..	160,979	179,662	+11.6
2 Chengalpattu ..	.. .. .. .. ..	73,452	75,861	+3.3
3 South Arcot ..	.. .. .. .. ..	39,595	40,860	+3.2
4. North Arcot ..	.. .. .. .. ..	56,898	61,838	+8.7
5 Dharmapuri ..	.. .. .. .. ..	25,803	27,915	+8.2
6 Salem ..	.. .. .. .. ..	45,322	48,775	+7.6
7 Coimbatore ..	.. .. .. .. ..	74,771	77,112	+3.1
8 The Nilgiris ..	.. .. .. .. ..	21,680	22,545	+4.0
9. Tiruchirappalli ..	.. .. .. .. ..	118,151	126,918	+7.4
10 Thanjavur ..	.. .. .. .. ..	64,318	67,843	+5.5
11. Pudukkottai ..	.. .. .. .. ..	16,624	16,800	+1.1
12 Madurai ..	.. .. .. .. ..	69,632	62,014	-10.9
13 Ramanathapuram ..	.. .. .. .. ..	39,681	40,817	+2.9
14 Tirunelveli ..	.. .. .. .. ..	45,760	50,342	+10.0
15 Kanniakumari ..	.. .. .. .. ..	40,068	40,887	+2.0
	STATE ..	892,734	940,189	+5.3

## REGISTRATIONS AND PLACEMENTS THROUGH EMPLOYMENT EXCHANGES—cont.

District.	Registration during the quarter ended		
	June 1977	September 1977.	Percentage variation.
(1)	(5)	(6)	(7)
1 Madras .. .. .. .. ..	19,333	31,158	+ 61.2
2 Chengalpattu .. .. .. .. ..	8,660	14,466	+ 67.0
3 South Arcot .. .. .. .. ..	6,042	8,694	+ 43.9
4 North Arcot .. .. .. .. ..	5,500	8,431	+ 53.3
5 Dnarmapuri .. .. .. .. ..	3,366	3,222	- 4.3
6 Salem .. .. .. .. ..	7,268	8,743	+ 20.3
7 Coimbatore .. .. .. .. ..	10,628	12,495	+ 17.6
8 The Nilgiris .. .. .. .. ..	2,604	3,298	+ 26.7
9 Tiruchirappalli .. .. .. .. ..	9,736	11,496	+ 18.1
10 Thanjavur .. .. .. .. ..	7,280	8,789	+ 20.7
11 Pudukkottai .. .. .. .. ..	1,694	1,736	+ 2.5
12 Madurai .. .. .. .. ..	9,136	11,601	+ 27.0
13 Ramanathapuram .. .. .. .. ..	4,351	6,063	+ 39.3
14 Tirunelveli .. .. .. .. ..	6,442	9,021	+ 40.0
15 Kanniyakumari .. .. .. .. ..	3,873	4,824	+ 24.6
STATE .. ..	105,913	144,037	+ 36.0

## REGISTRATIONS AND PLACEMENTS THROUGH EMPLOYMENTS EXCHANGES—cont.

District.	(1)—cont.	Placement during the quarter ended		Percentage variation.
		June 1977	September 1977	
1 Madras	.. .. .. .. ..	1,484	1,589	+ 7·1
2 Chengalpattu	.. .. .. .. ..	396	370	— 6·6
3 South Arcot	.. .. .. .. ..	525	226	— 57·0
4 North Arcot	.. .. .. .. ..	249	231	— 7·2
5 Dharmapuri	.. .. .. .. ..	302	120	— 60·3
6 Salem	.. .. .. .. ..	312	372	+ 19·2
7 Coimbatore	.. .. .. .. ..	458	353	— 22·9
8 The Nilgiris	.. .. .. .. ..	280	269	— 3·9
9 Tiruchirapalli	.. .. .. .. ..	300	301	+ 0·3
10 Thanjavur	.. .. .. .. ..	466	720	+ 54·5
11 Pudukkottai	.. .. .. .. ..	168	74	— 56·0
12 Madurai	.. .. .. .. ..	864	478	— 44·7
13 Ramanathapuram	.. .. .. .. ..	220	188	— 14·5
14 Tirunelveli	.. .. .. .. ..	355	277	— 22·0
15 Kanniyakumari	.. .. .. .. ..	200	190	— 5·0
STATE	.. .. .. .. ..	6,579	5,758	— 12·5

## PLANTATION LABOUR.

During the quarter ended September 1976, 308 plantations were registered under the Plantation Act comprising of 143 Tea, 134 Coffee, 27 Rubber and 4 Cinchona Plantations in Tamil Nadu. Of these, 247 plantations comprising of 113 Tea, 105 Coffee, 25 Rubber and 4 Cinchona Plantations reported statistics relating to labour employed by them.

*Tea Plantations.*—The Total number of workers employed during the quarter ended September 1976 in Tea Plantations was 51,862 as against 52,897 during the quarter ended June 1976. The number of permanent workers employed during the quarter ended September 1976 was 46,631. The average daily earnings of permanent garden labour men, women and minor workers were Rs. 6·23, Rs. 6·99 and Rs. 4·23 respectively. For outside labour men-women the earnings were Rs. 5·99 and Rs. 6·86 respectively. Minor workers were not employed.

*Coffee Plantations.*—The total number of workers employed during the quarter ended September 1976 was 8,404 as against 7,597 during the previous quarter. The number of permanent workers employed during the quarter under review was 5,159. The average daily earnings of permanent garden labour men, women, and minor, were Rs. 5·34, Rs. 4·88 and Rs. 3·66 respectively. The earnings of outside labour-men-women and minors were Rs. 4·34 and Rs. 3·93 and Rs. 2·56 respectively.

*Rubber Plantations.*—The total number of workers employed during the quarter ended September 1976 in Rubber Plantations was 1,451 as against 1,512 during the previous quarter. The number of permanent workers employed during the quarter ended September 1976 was 1,374. The average daily earnings of permanent garden labour-men and women workers, were Rs. 7·66 and Rs. 6·56 respectively. The corresponding earnings for outside labour men-women were Rs. 7·51 and 6·59 respectively.

*Cinchona Plantations.*—The total number of workers employed during the quarter ended September 1976 in cinchona plantations was 2,222 as against 714 during the previous quarter. The number of permanent workers employed during the quarter ended September 1976 was 1609. The average daily earnings of permanent garden labour-men, women and minors were Rs. 6·29, Rs. 7·29 and Rs. 7·62 respectively.

## WORKERS IN PLANTATIONS.

Plantations.	June 1976.			September 1976.		
	Total number of workers.	Number of permanent workers.	Average daily attendance of permanent workers.	Total number of workers.	Number of permanent workers.	Average daily attendance of permanent workers.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Tea .. .. .. ..	52,897	49,082	41,045	51,862	46,631	38,905
Coffee .. .. .. ..	7,597	4,934	4,059	8,404	5,159	4,286
Rubber .. .. .. ..	1,512	1,387	1,242	1,471	1,374	1,156
Cinchona .. .. .. ..	714	405	336	222	609	331

## AVERAGE DAILY EARNING OF WORKERS IN PLANTATIONS.

Category of Plantations.	Workers.	Average of daily earning.			
		June 1976.		September 1976.	
		Garden Labour.	Outside Labour.	Garden Labour.	Outside Labour.
(1)	(2)	(3)	(4)	(5)	(6)
		RS.	RS.	RS.	RS.
Tea .. .. ..	Men .. .. ..	6.70	6.22	6.23*	5.99
	Women .. .. ..	6.66	5.72	6.99†	6.86
	Minors .. .. ..	3.74	..	4.23	..
Coffee .. .. ..	Men .. .. ..	5.70	4.97	5.34	4.34
	Women .. .. ..	5.04	4.45	4.88	3.93
	Minors .. .. ..	3.82	..	3.66	2.56
Rubber .. .. ..	Men .. .. ..	7.49	7.45	7.66	7.51
	Women .. .. ..	6.85	6.60	6.56	6.59
Cinchona .. .. ..	Men .. .. ..	4.63	..	6.29‡	..
	Women .. .. ..	4.01	..	7.29‡	..
	Minors .. .. ..	..	..	7.62‡	..

The decrease in the average daily earning of men workers during the quarter ended September 1976 was due to reduction of dearness allowance paid to the workers based on the cost of living index that prevailed during the period.

† The increase in the average daily earnings of women and minor workers during the quarter ended September 1976 was due to incentive payments paid to them. Generally women and minors pluck more green leaves than men workers. Men workers are primarily engaged in cultivation operations of the estate.

‡ The increase in the average daily earnings of men, women, and minor workers in cinchona plantations during the quarter ended September 1976 compared with the quarter ended June 1976 was due to payments of leave salary with wages, sickness allowance, maternity benefit, way expenses and retracement compensation, etc. paid during the quarter in one particular estate.

## XIV. STATE FINANCE.

## RECEIPTS AND EXPENDITURE.

The receipts under Revenue Account for 1977-78 was Rs. 6,33,24 lakhs (Budget Estimates) as against Rs. 6,14,49 lakhs (Revised Estimates) for the previous year.

The expenditure under Revenue Account was Rs. 6,63,40 lakhs (Budget Estimates) as against Rs. 6,27,27 lakhs (Revised Estimates) for the previous year.

There was a deficit of Rs. 30,16 lakhs in 1977-78 while the deficit was Rs. 12,78 lakhs in the previous year.

## RECEIPT AND EXPENDITURE ON REVENUE ACCOUNT.

(RUPEES IN LAKHS)

Item.	1972-73@	1973-74@	1974-75@	1975-76†	1976-77+	1977-78‡
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Receipt .. ..	4,38,08	4,86,30	5,20,29	5,63,36	6,14,49	6,33,24
Expenditure .. ..	4,17,04	4,72,63	5,28,36	5,57,92	5,27,27	6,63,40
Surplus or Deficit .. ..	(+) 27,04	(+) 13,67	(-) 8,07	(+) 5,44	(-) 12,78	(-) 30,16

@Accounts.

† Revised Estimate.

‡ Budget Estimate.

## XV. STATE INCOME.

## TREND IN STATE INCOME.

According to revised estimates, the Net State Domestic Product of Tamil Nadu for the year 1975-76 had shown an increase of 7.7 per cent over the previous year.

This increase has been attributed to a record production of 77.6 lakh tonnes of food grains during the year as against 47.97 lakh tonnes in 1974-75. The increase in agricultural production was accounted for mainly by cereals viz., rice (+64 per cent), Jowar (+50.0 per cent), Bajra (+60.0 per cent), Mize (+87 per cent) and Ragi (+36.0 per cent) and supplemented by increased production in groundnut (56.0 per cent) cotton (+42.0 per cent), Tobacco (+170.0 per cent), Chillies (+24.0 per cent) and turmeric (56 per cent).

In percentage terms the income accruing from Agricultural Sector recorded an increase of 5.3 for Tamil Nadu while there was a decrease of 4.9 per cent at all India level. On the whole, the development in the agricultural front during 1975-76 has been satisfactory for Tamil Nadu. Certain other sectors had also contributed to the increase during the year 1975-76. The outstanding among them are fishery (7.4 per cent), mining and quarrying (8.3 per cent) manufacturing (Registered (4.8 per cent), manufacturing (un-registered) (7.0 per cent) construction (7.3 per cent) Transport by other means (13.0 per cent) Banking and Insurance (17.2 per cent) and public administration (3.8 per cent).

The performance of production in the traditional industrial goods especially textiles (5.5 per cent) mixed fertilised (531.8 per cent) cement (8.9 per cent) and electricity (6.0 per cent) tea (14.6 per cent) and coffee (4.1 per cent) and the increased activity in the mining industry (8.2 per cent) supplemented by the industrial discipline during 1975-76 enabled the manufacturing sector to forge ahead, inspite of the economic strain suffered during the first half of the year under review. This has proved that the performance of Agricultural Sector during the year was better than Industrial Sector thereby restoring the tempo of overall economic development in 1975-76 which suffered severe setback during the previous year 1974-75.

Construction Industry also gathered record momentum in 1975-76, in which the building cost index number for labour registered an increase to the extent of 374.8 points in 1975-76 from 241.5 in 1974-75 (1961-62=100).

Transport by other means sector showed an increase of 13.0 per cent of which the mechanised road transport accounts for a larger share due to increase in fleet strength, operation and revision of fares.

NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN — TAMIL NADU  
(AT CURRENT PRICES).

Sector.	(1)	(RUPEES IN LAKHS)						
		1960-61 (2)	1970-71 (3)	1971-72 (4)	1972-73 (5)	1973-74 PR. (6)	1974-75 P. (7)	1975-76 QE. (8)
1 Agriculture	.. .. ..	56,437	92,310	111,302	115,337	146,589	137,132	144,363
2 Forestry	.. .. ..	353	815	1,066	903	1,084	1,483	1,265
3 Fishing	.. .. ..	896	1,988	2,165	2,561	2,969	2,981	3,202
4 Mining and Quarrying	.. ..	116	1,079	1,348	1,324	1,509	1,828	1,979
<i>Sub Total ; Primary</i>	.. ..	57,802	96,192	115,881	120,125	152,151	143,424	160,809
5 Manufacturing—								
5.1 Registered	.. .. ..	8,838	30,794	32,053	34,369	43,110	56,042	58,718
5.2 Un-registered	.. .. ..	7,863	19,150	20,411	22,223	31,995	33,984	36,379
6 Construction	.. .. ..	1,827	5,692	6,166	6,514	7,431	8,176	8,769
7 Electricity, Gas and Water-Supply		1,028	2,720	2,986	3,329	3,386	3,537	3,899
<i>Sub Total. Secondary</i>	..	19,556	58,356	61,616	66,435	85,922	101,739	107,765
8 Transport and Communication								
8.1 Railway	.. .. ..	1,241	2,908	3,004	2,986	2,619	3,463	3,639
8.2 Transport by other means	.. .. ..	1,961	7,670	8,508	9,264	10,020	10,776	12,182
8.3 Communication	.. .. ..	621	2,705	2,863	2,877	3,721	3,902	4,092
9 Trade, Storage, Hotels and Restaurants.		12,779	31,020	33,798	38,898	49,676	54,999	64,842
<i>Sub Total ; Transport Communication and Trade</i>	.. .. ..	16,602	44,303	48,173	54,025	66,036	73,140	84,755
10 Banking and Insurance	.. .. ..	1,416	5,057	6,411	7,463	8,613	10,858	12,721
11 Real Estate and Ownership of dwellings.		2,382	5,134	5,537	6,083	6,665	7,117	7,855
<i>Sub Total ; Finance and Real Estate</i>	.. .. ..	3,798	10,191	11,948	13,546	15,278	17,973	20,576
12 Public Administration	.. .. ..	2,879	7,937	9,324	9,944	11,990	12,992	13,491
13 Other Services	.. .. ..	10,548	23,426	24,714	26,617	28,139	31,313	32,629
<i>Sub Total ; Community and Personal Services.</i>	.. .. ..	13,427	31,363	34,038	36,561	40,129	44,305	46,120
14 Total. Net State Domestic Product at Factor Cost	.. .. ..	111,185	240,405	271,656	290,692	359,516	380,583	410,025
Per Capita net State Domestic Product (Rs.)	.. .. ..	334	588	683	686	832	855	901

N.B.—PR : Partially Revised : P : Preliminary : QE : Quick Estimate.

NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN — TAMIL NADU  
(AT CONSTANT PRICES).  
1960-61.

Sector.	Rupees in Lakhs.						
	1960-61	1970-71	1971-72	1972-73	1973-74 P.R.	1974-75 P.	1975-76 QE.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 Agriculture .. ..	56,437	56,209	60,194	59,031	60,955	44,334	58,352
2 Forestry and Logging .. ..	353	519	529	427	443	398	440
3 Fishing .. ..	896	1,711	1,862	2,042	2,244	2,128	2,327
4 Mining and Quarrying ..	116	990	1,020	759	900	798	827
<i>Sub Total : Primary</i> .. ..	57,802	59,429	63,605	62,259	64,542	47,658	61,946
5 Manufacturing—							
5.1 Registered .. ..	8,838	16,129	16,253	16,527	15,882	17,384	17,375
5.2 Un-registered .. ..	7,863	13,037	13,748	14,504	15,308	16,165	17,076
6 Construction .. ..	1,827	2,967	3,117	3,274	3,439	3,614	3,798
7 Electricity, Gas and Water supply	1,028	2,374	2,611	2,683	2,711	2,830	3,126
<i>Sub Total : Secondary</i> .. ..	19,556	34,507	35,729	36,988	37,340	39,993	41,375
8 Transport and Communication							
8.1 Railways .. ..	1,241	2,125	2,128	2,228	2,130	2,207	2,234
8.2 Transport by other means ..	1,961	4,274	4,529	4,720	4,911	5,102	5,266
8.3 Communication .. ..	621	1,455	1,464	1,475	1,795	1,729	1,878
9 Trade, Storage, Hotels and Restaurants.	12,779	15,746	16,732	16,839	17,189	14,212	16,974
<i>Sub Total : Transport, Communication and Trade.</i>	16,602	23,600	24,853	25,262	26,025	23,250	26,352
10 Banking and Insurance .. ..	1,416	2,465	2,981	3,245	3,032	2,920	3,350
11 Real Estate and Ownership of dwellings.	2,382	3,123	3,210	3,300	3,392	3,487	3,584
<i>Sub Total : Finance and Real Estate.</i>	3,798	5,588	6,191	6,545	6,424	6,407	6,890
12 Public Administration .. ..	2,879	6,400	7,234	7,485	8,812	9,278	9,324
13 Other Services .. ..	10,548	12,954	13,147	13,339	13,550	13,762	13,899
<i>Sub Total : Community and Personal Services.</i>	13,427	19,354	20,381	20,824	22,362	23,040	23,223
<b>14 Total ; Net State Domestic Product at Factor Cost.</b>	<b>111,185</b>	<b>142,478</b>	<b>150,759</b>	<b>151,878</b>	<b>156,693</b>	<b>140,348</b>	<b>159,786</b>
<b>Per Capita Net State Domestic Product (Rs.)</b>	<b>334</b>	<b>348</b>	<b>362</b>	<b>358</b>	<b>363</b>	<b>315</b>	<b>351</b>

**LIST OF AGENTES FOR THE SALE OF TAMIL NADU GOVERNMENT PUBLICATIONS.**

**IN MADRAS CITY.**

**Messrs.** Account Test Institute, Egmore, Madras-8  
**The City Book Co.**, Mylapore, Madras-4.  
**Messrs.** Higginbothams (Private), Limited, Madras-2.  
**Messrs.** New Century Book House (Private), Limited, Madras-2.  
**Messrs.** P. Varadachari & Co., Madras-1.  
**Messrs.** C. Subbiah Chetty and Sons, Madras-5.  
**The Educational Agencies**, Book-Sellers, Madras-1.  
**Messrs.** The Universal Book House, Moore Market, Madras-3.  
**Messrs.** C. Seetharaman & Co., 33, Royapettah High Road, Madras-14.  
**Messrs.** Mohan Pathipagam and Book Depot, Madras-5.  
**Messrs.** C. Venkatesan Chetty and Company, No. 34, Pycroft Road, Triplicane, Madras-6.  
**The South India Saiva Siddhantha Works Publishing Society**, Tinnelveli Limited, 1/10, Prakasam Salai, Madras-1.  
**Messrs.** Kalavani Book Centre, No. 1, Ponniamman Koil Street, Egmore, Madras-8.

**IN MUFASSAL OF TAMIL NADU.**

**Sri E. M. Gopalakrishna Kone**, Madurai district.  
**Sri A. Venkatasubban and Co.**, Vellore, North Arcot district.  
**Messrs.** Bharathamatha Book Depot, Thanjavur, Thanjavur district.  
**Messrs.** P. V. Nathan & Co., Kumbakonam, Thanjavur district.  
**Messrs.** Appar Book Stall, Thanjavur.  
**Messrs.** P. N. Swaminathasivam & Co., Pudukkottai, Tiruchirappalli district.  
**Messrs.** S. Krishnaswami and Co., Tiruchirappalli.  
**Messrs.** Palaniappa Brothers, Tiruchirappalli.  
**Sri R. Subramania Pillai**, Tirunelveli, Tirunelveli district.  
**Sri B. Aruldoss**, Villupuram Town, South Arcot district.  
**Messrs.** Vasantham Stores, Book-Sellers, Cross Cut Road, Coimbatore.  
**Sri V. B. Ganesan**, Villupuram, South Arcot district.  
**Messrs.** Mercury Book Company, 223, Rajah Street, Coimbatore.  
**Sri S. M. Jagannathan**, Book-Seller and Publisher, Nagercoil, Kanyakumari district  
**Messrs.** A. K. Chandraiah Chettiar & Sons, Salem.  
**Messrs.** Meenakshi Pathipagam, Pudukkottai.  
**Messrs.** K. V. Narayana Iyer & Sons, Dindigul, Madurai district.  
**Messrs.** Balaji Book House, Vellore, North Arcot district.  
**Messrs.** Jayakumari Stores, Nagercoil, Kanyakumari district.  
**Messrs.** Baby Stores, Book-Sellers, Villupuram, South Arcot district.  
**Messrs.** Dinamani Stores, Coimbatore-18.  
**Messrs.** Bharathi Puthaganilayam, Publishers and Book-Sellers, 1-B, Town Hall Road, Madurai-1.  
**Messrs.** Kumaran Book Depot, Book-Sellers, Erode-1.  
**Messrs.** Vela Book Company, Publishers and Book-Sellers, No. 4, Annaji Rao Street, Erode.  
**Messrs.** Rathamani Stores, 60-A, Raja Street, Coimbatore-1.  
**Messrs.** Mary Martin Book-Sellers, Kotagiris, The Nilgiris-1.  
**Messrs.** Ganesh Stores, South Car Street, Sivakasi.  
**Messrs.** Ajantha Book Centre, Salem.  
**Kalidasan Agencies**, Srivilliputhur.

**IN OTHER STATES**

**Messrs.** Jain Book Agency, New Delhi-1.  
**Messrs.** International Book House, Trivandrum.  
**Messrs.** Firma K. L. Mukhopadhyay, Calcutta-12  
**Messrs.** Book Links Corporation, Narayanaguda, Hyderabad-29.  
**Messrs.** The Book Syndicate, Hyderabad-1.  
**Messrs.** New Script, Calcutta-29.  
**Messrs.** Labour Law Publications, Hyderabad.  
**Messrs.** Puthagalayam, Pondicherry.  
**Messrs.** Yalla Book Depot, Ludhiana.  
**Messrs.** Rabhu Book Service, Haryana.